

Figure 1a: C. Adachi, et. al.

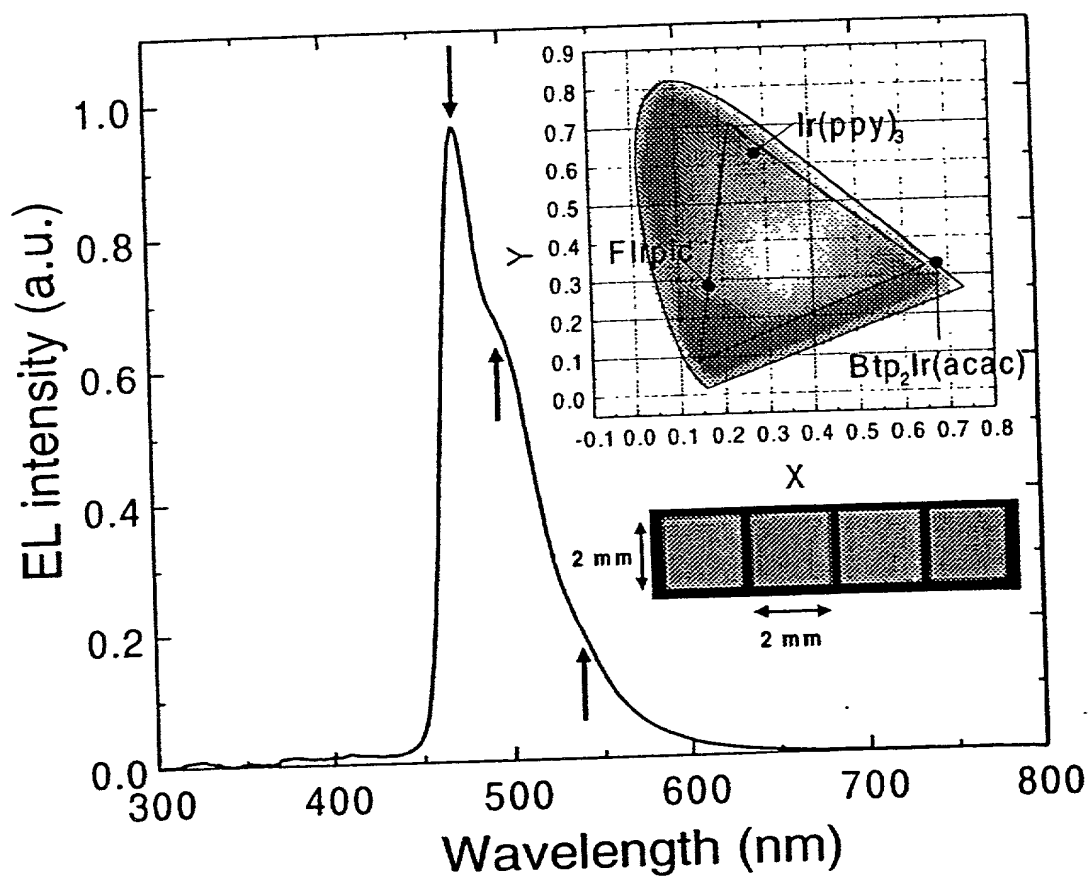


Figure 1b: C. Adachi, et. al.

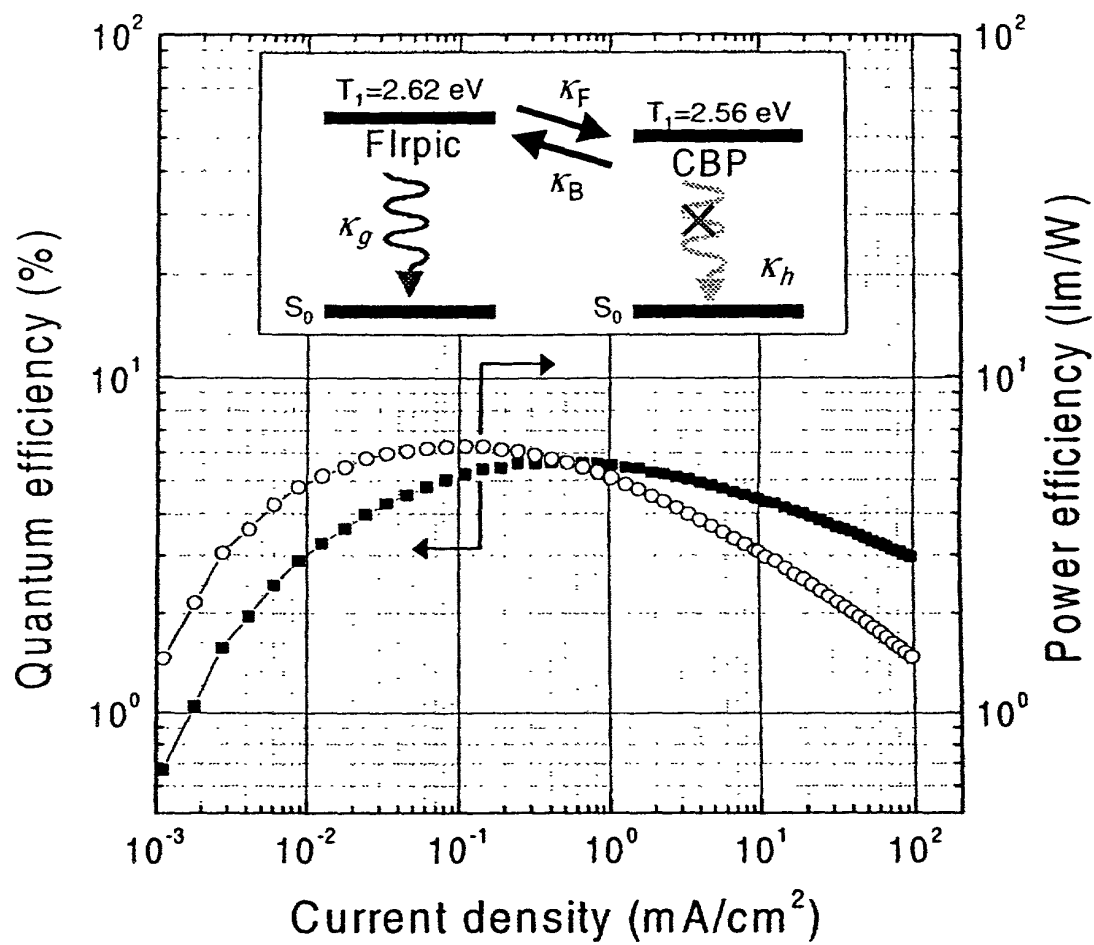


Figure 2: C. Adachi, et.al.

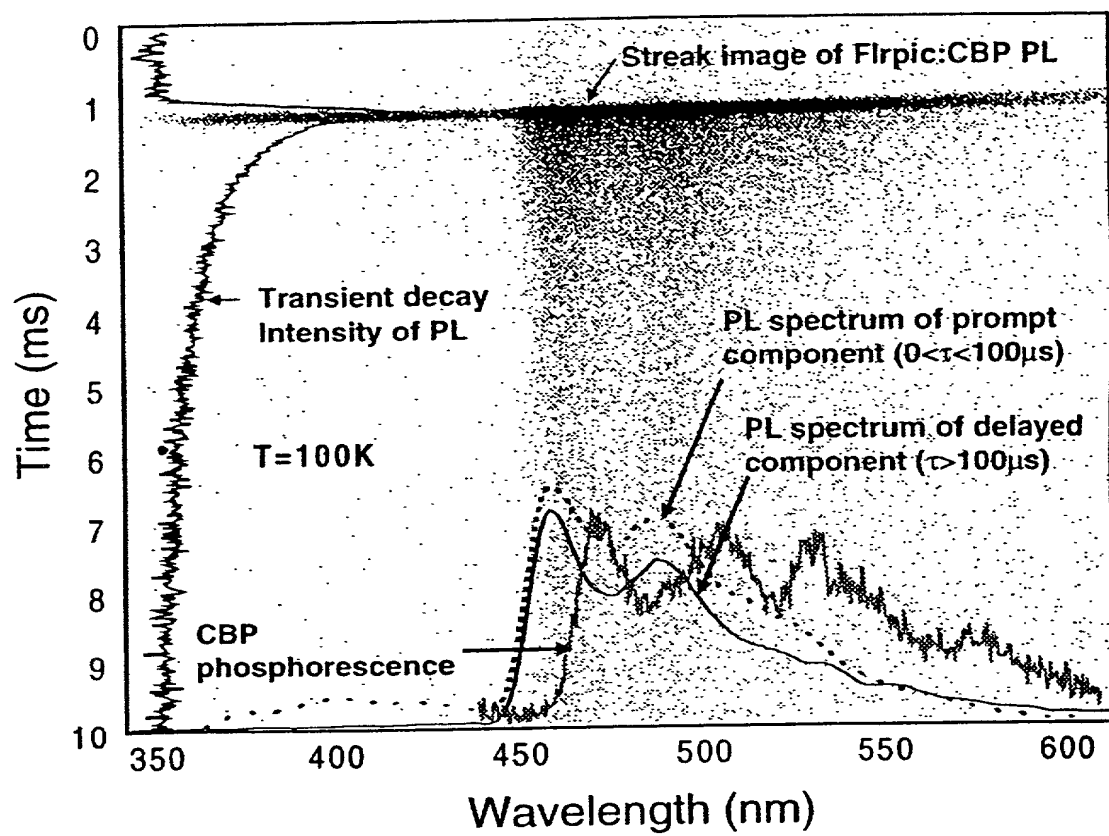


Figure 3: C. Adachi, et. al.

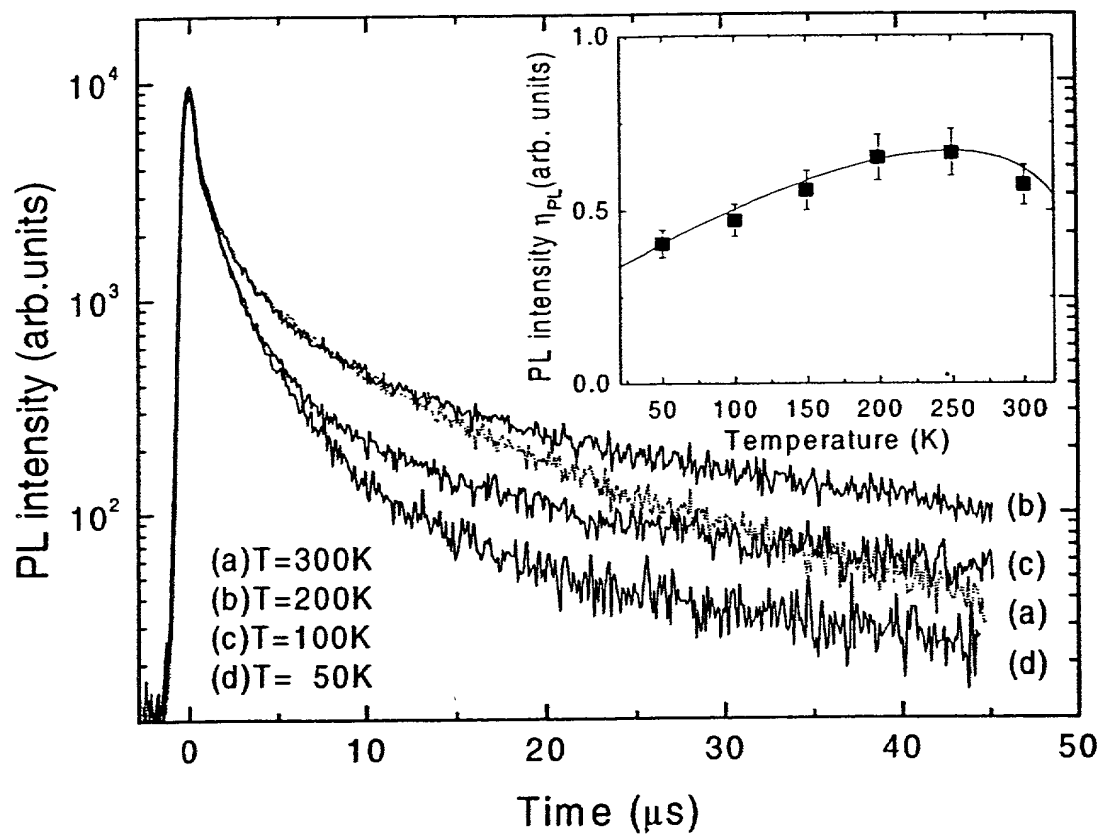


Figure 4: C. Adachi, et.al.

Figure 5a

Generic Mono-Anionic, Bidentate, Carbon-Coordination Ligands-I

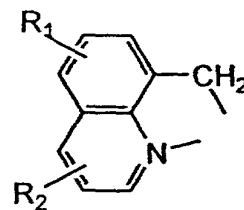
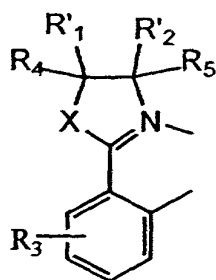
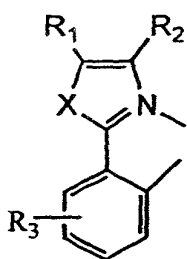
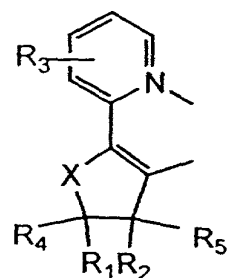
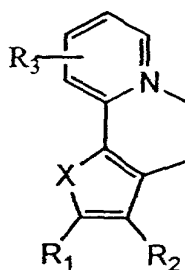
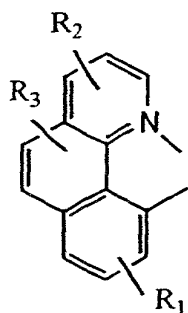
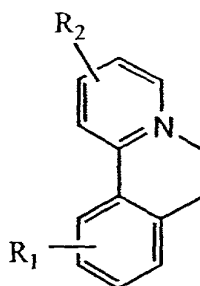
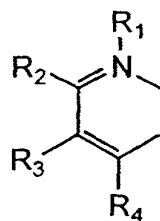


Figure 5b

Generic Mono-Anionic, Bidentate, Carbon-Coordination Ligands-II

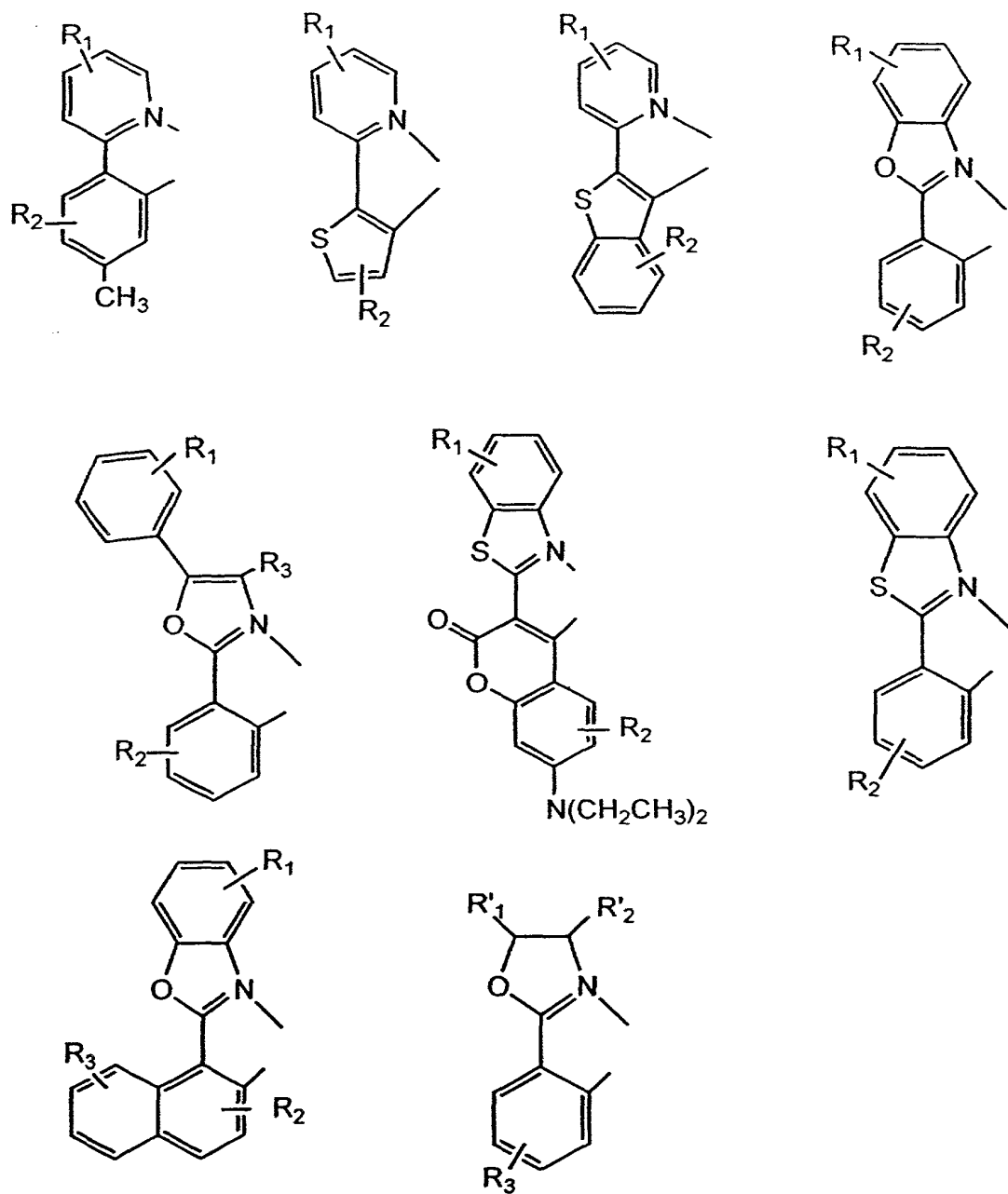
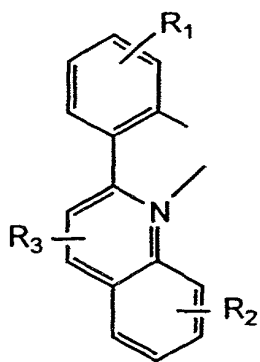
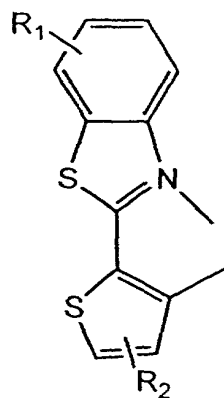
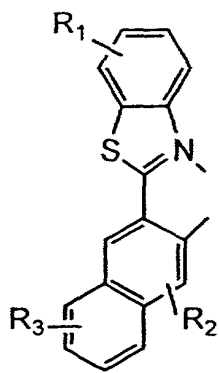
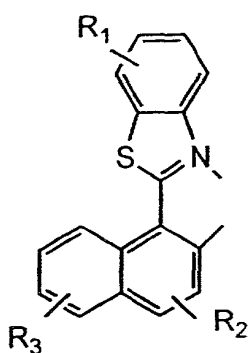
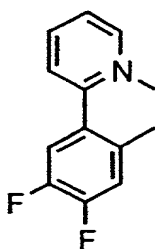
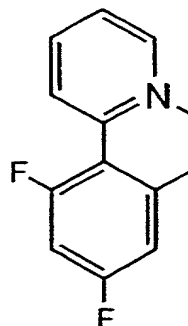


Figure 5c

Generic Mono-Anionic, Bidentate, Carbon-Coordination Ligands-III





[illegible][illegible]

UDC Proprietary and Confidential

[illegible]

## Generic Non-Mono-Anionic, Bidentate, Carbon-Coordination Ligands-I

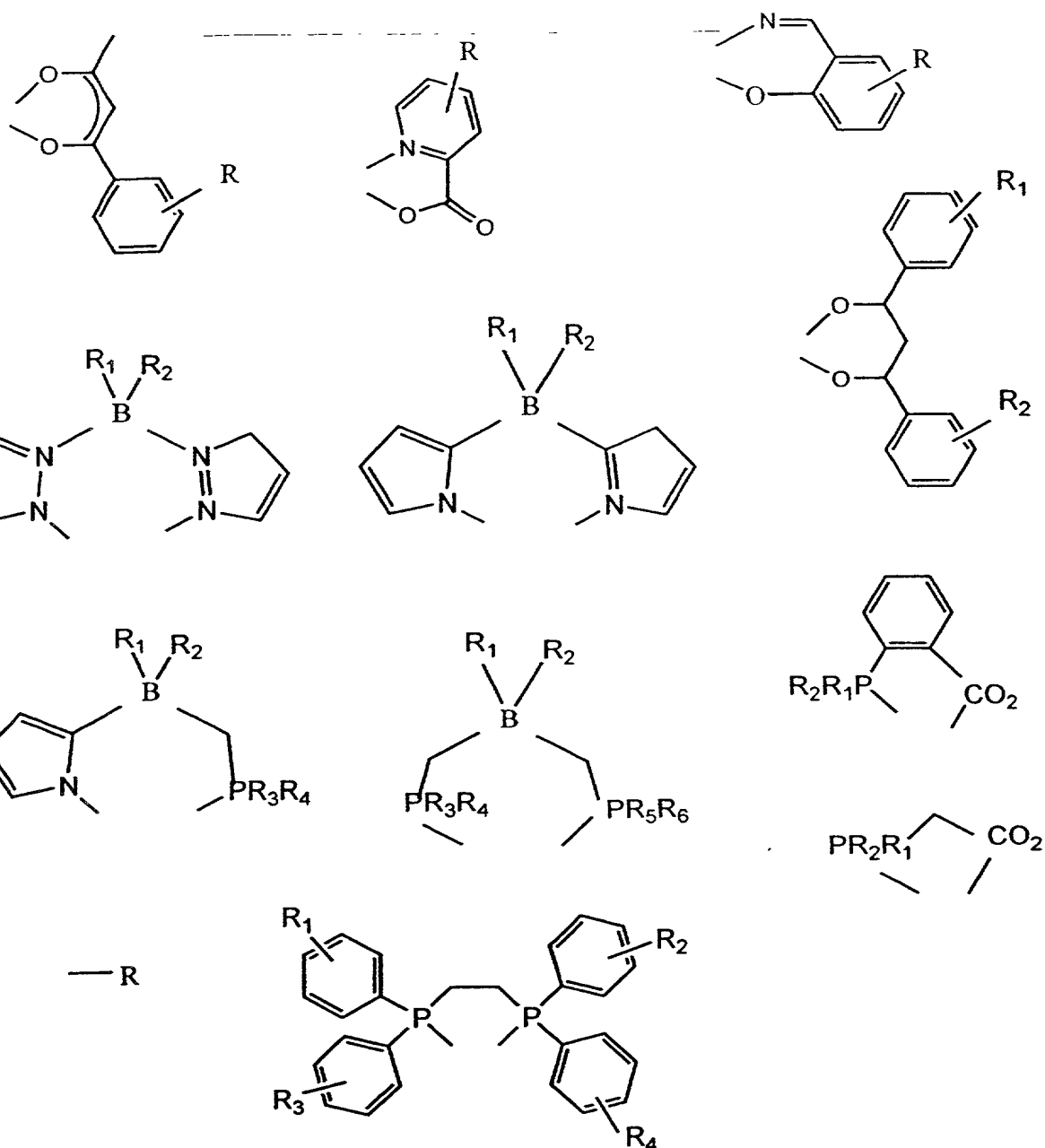


Figure 6b

Generic Non-Mono-Anionic, Bidentate, Carbon-Coordination Ligands-II

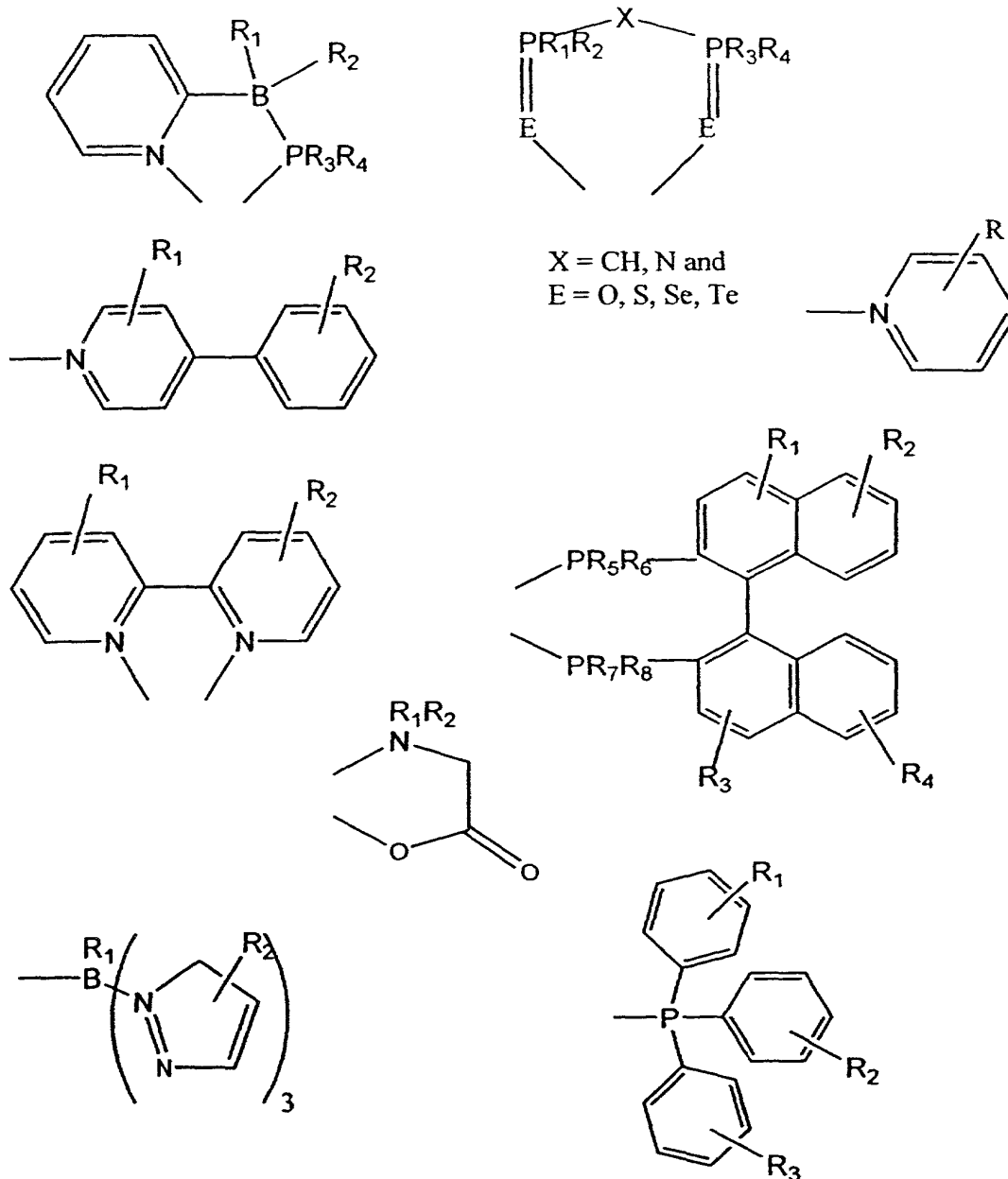
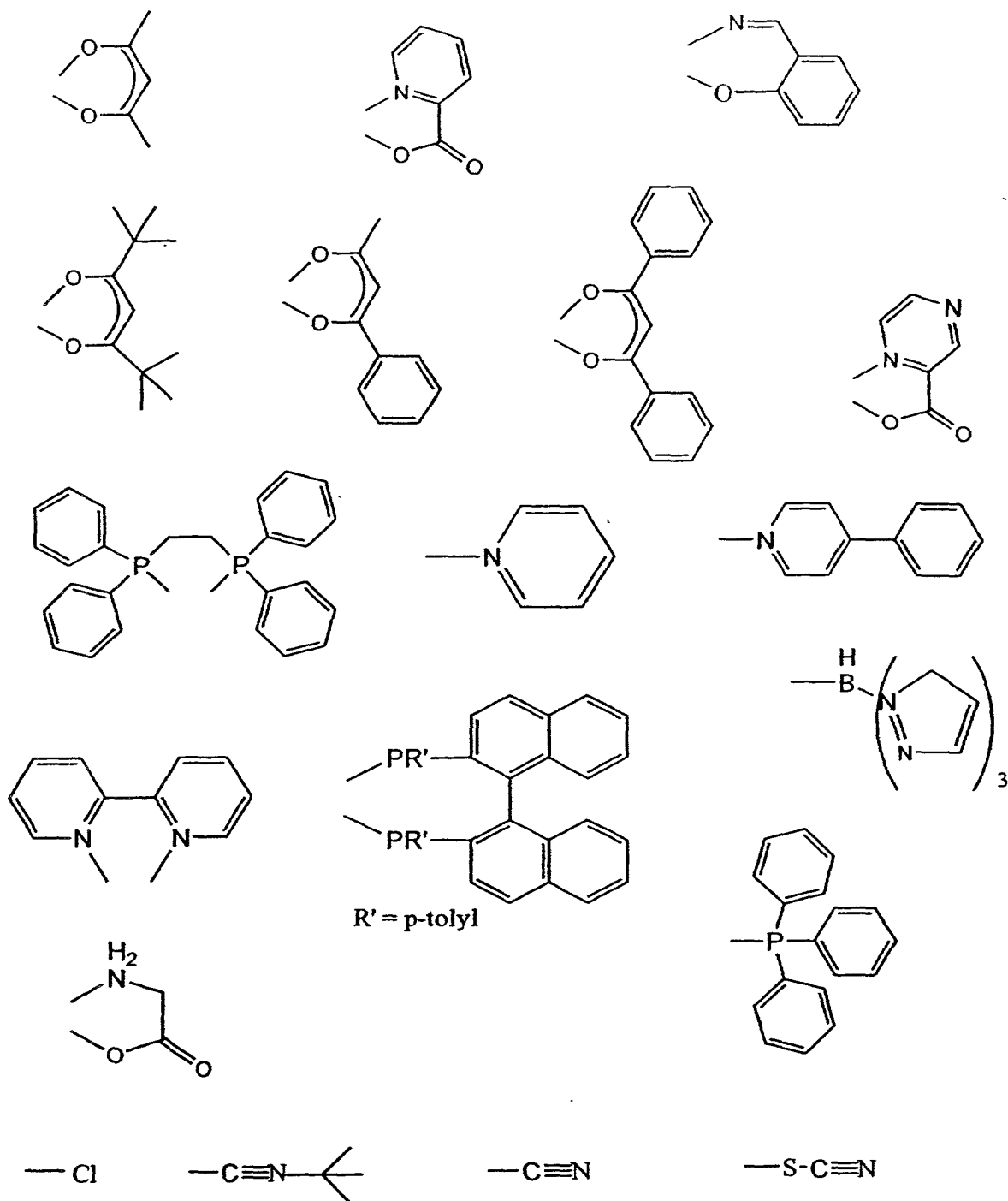


Figure 6c

Specific Non-Mono-Anionic, Bidentate, Carbon-Coordination Ligands



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Figure 7a

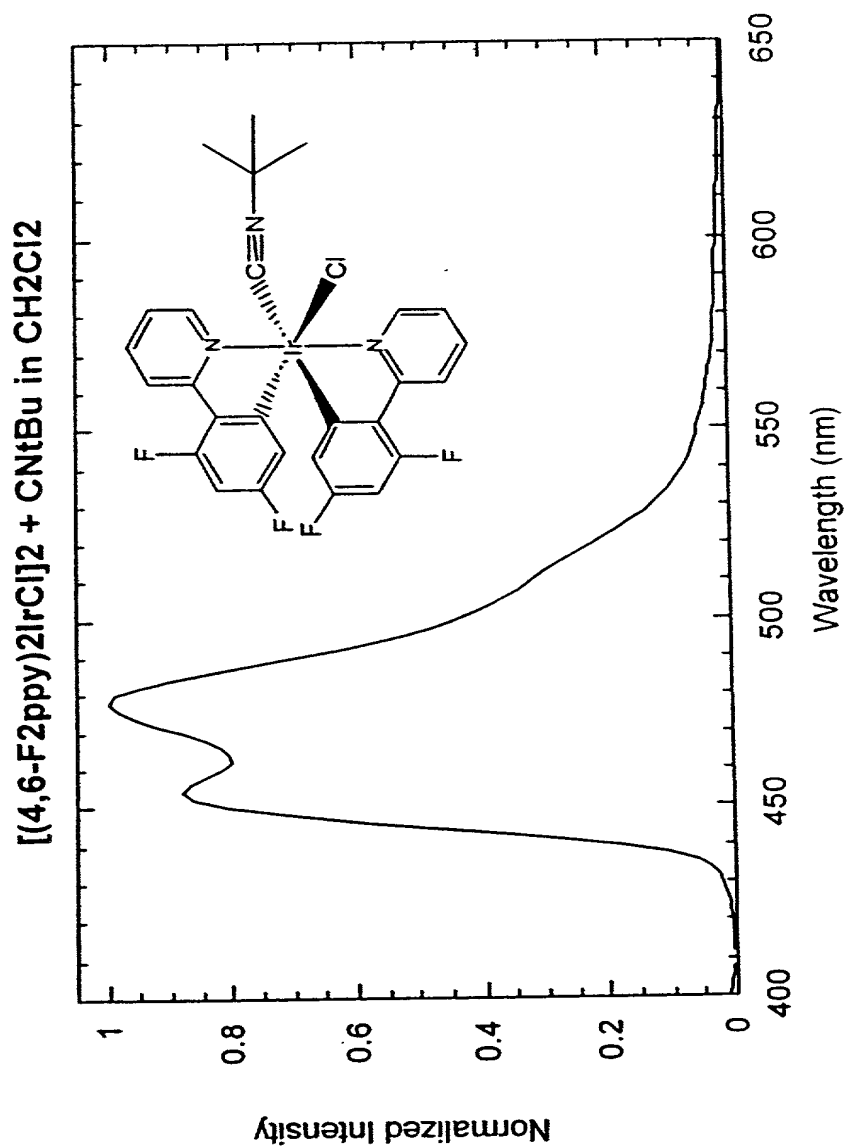


Figure 7b

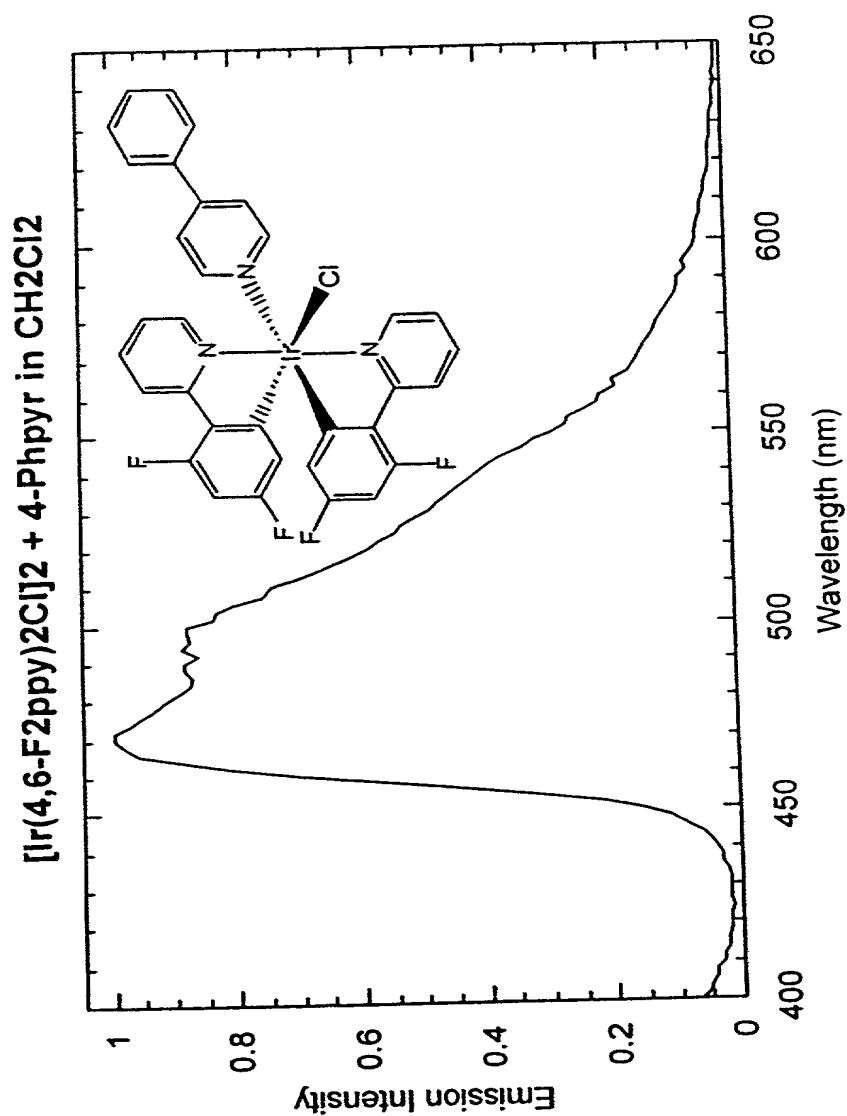


Figure 7c

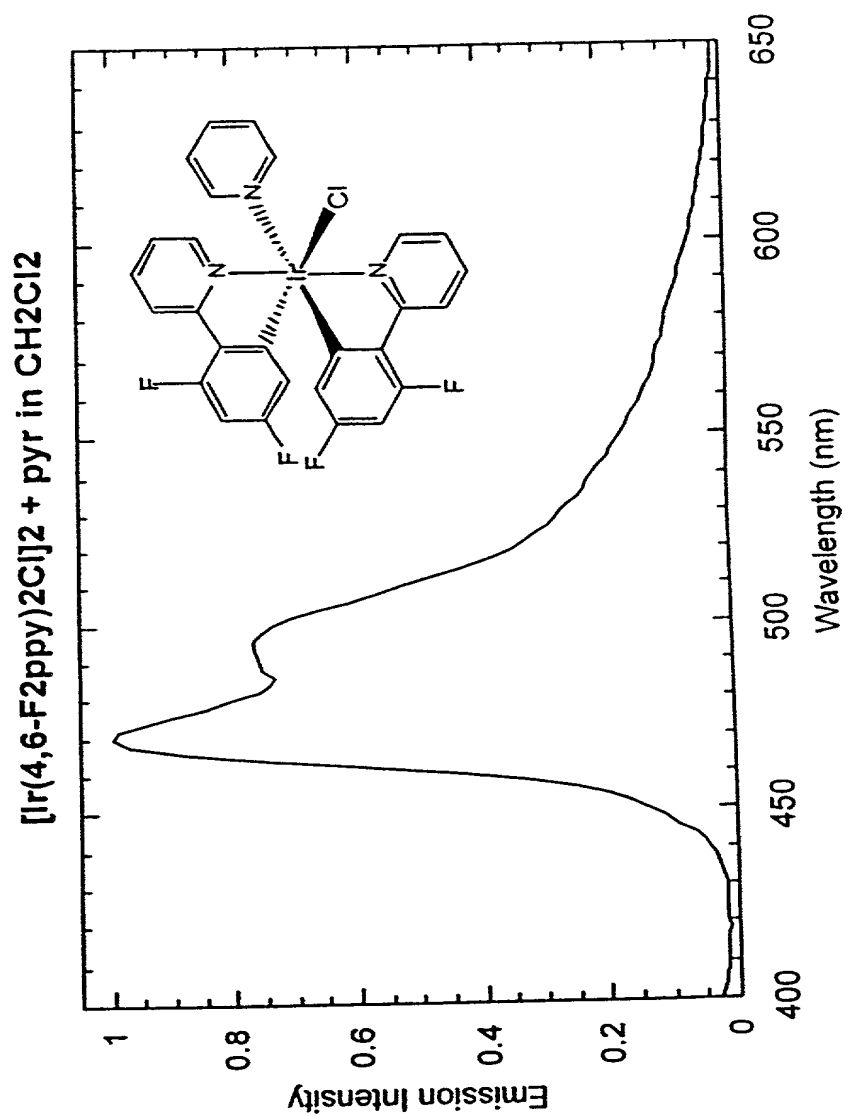


Figure 7d

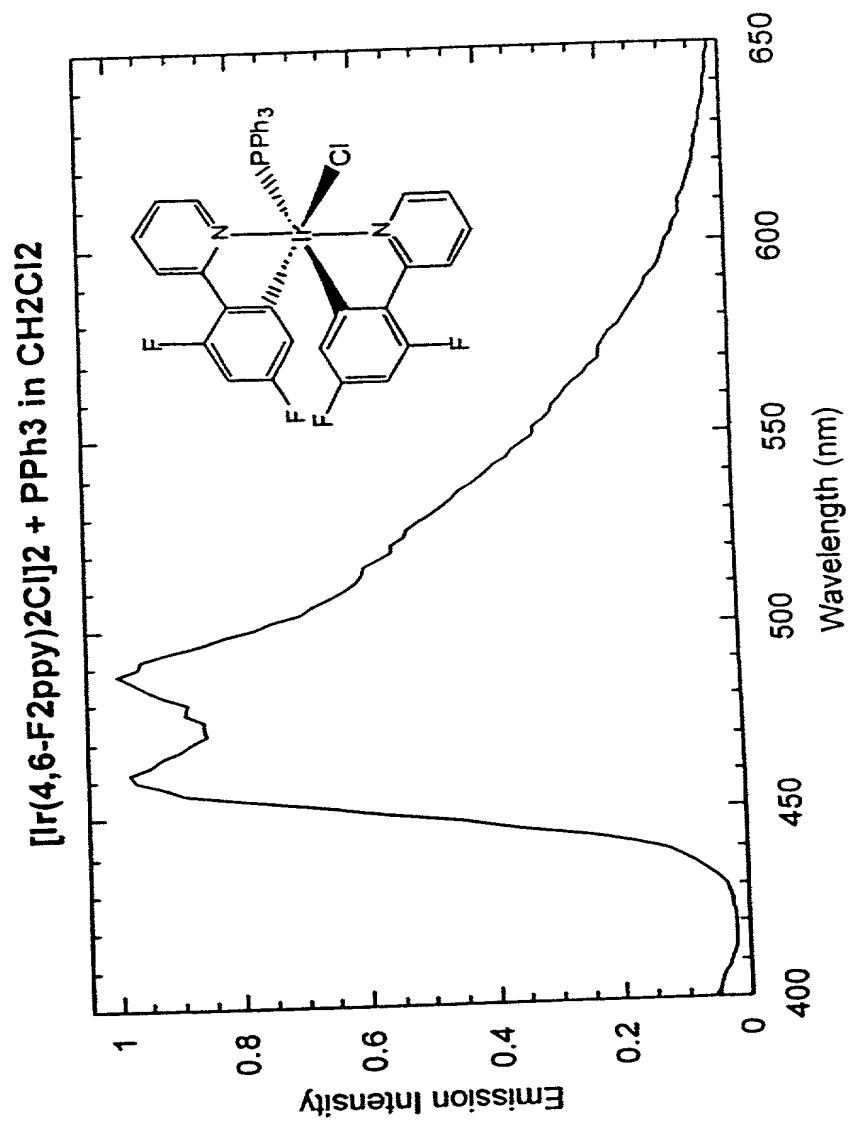




Figure 7e

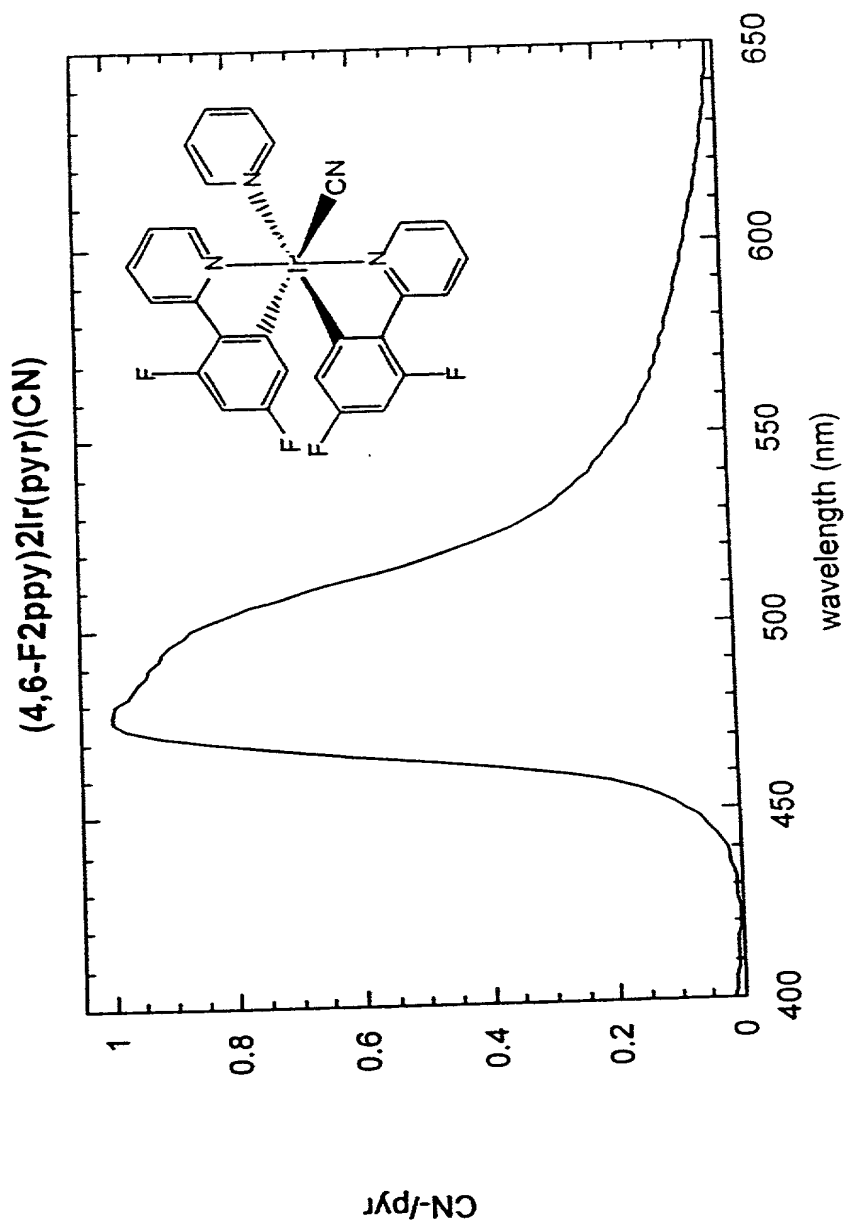


Figure 7f

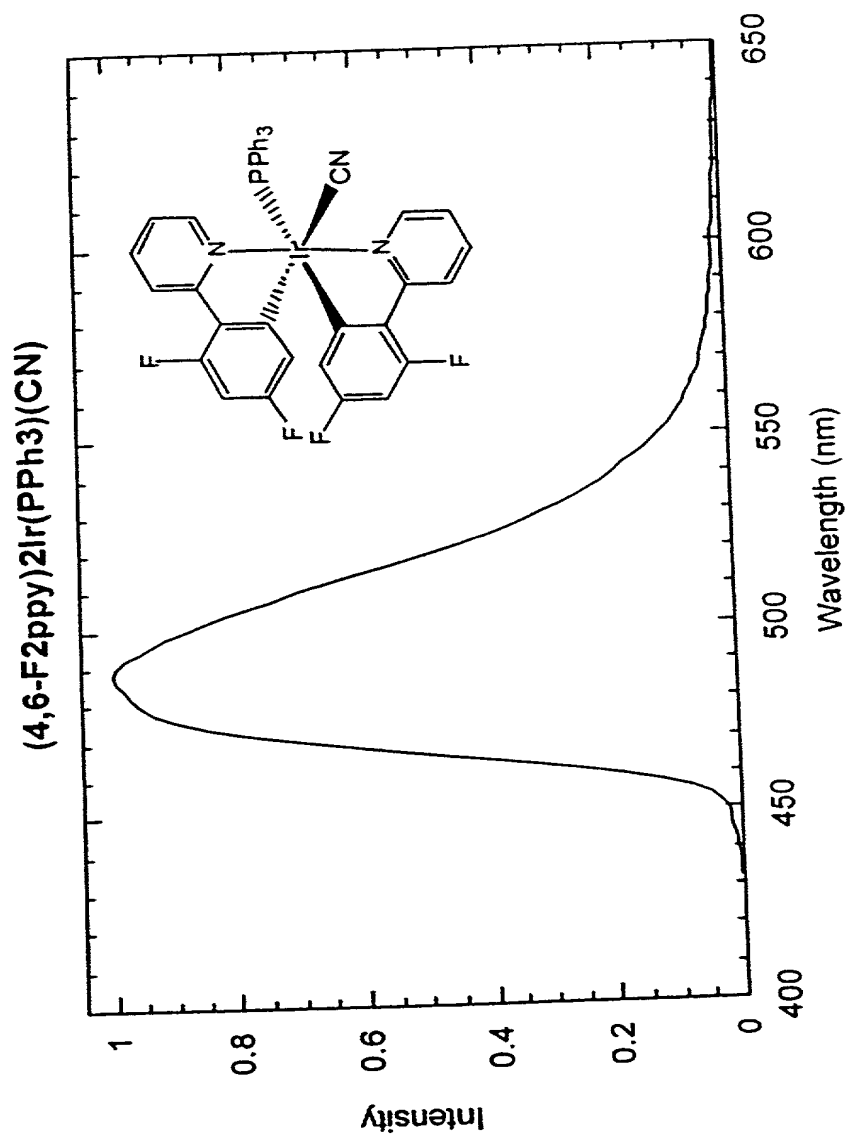


Figure 7g

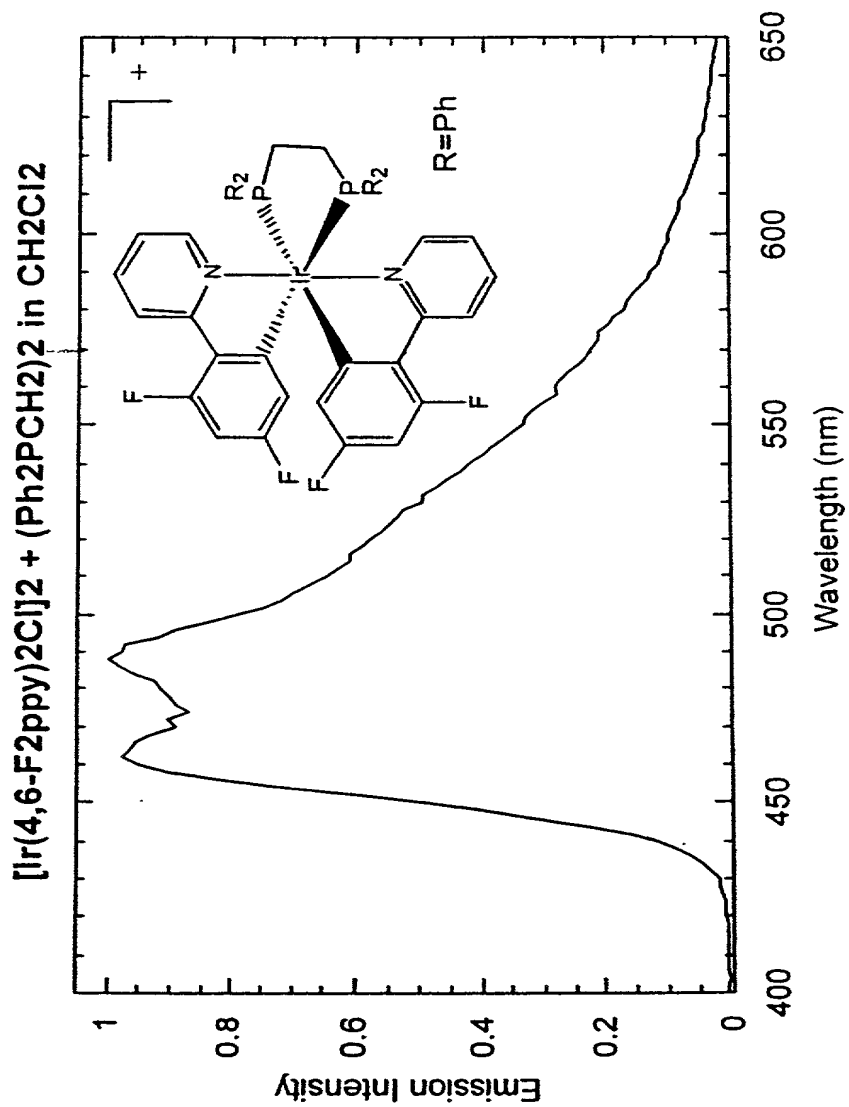


Figure 7h

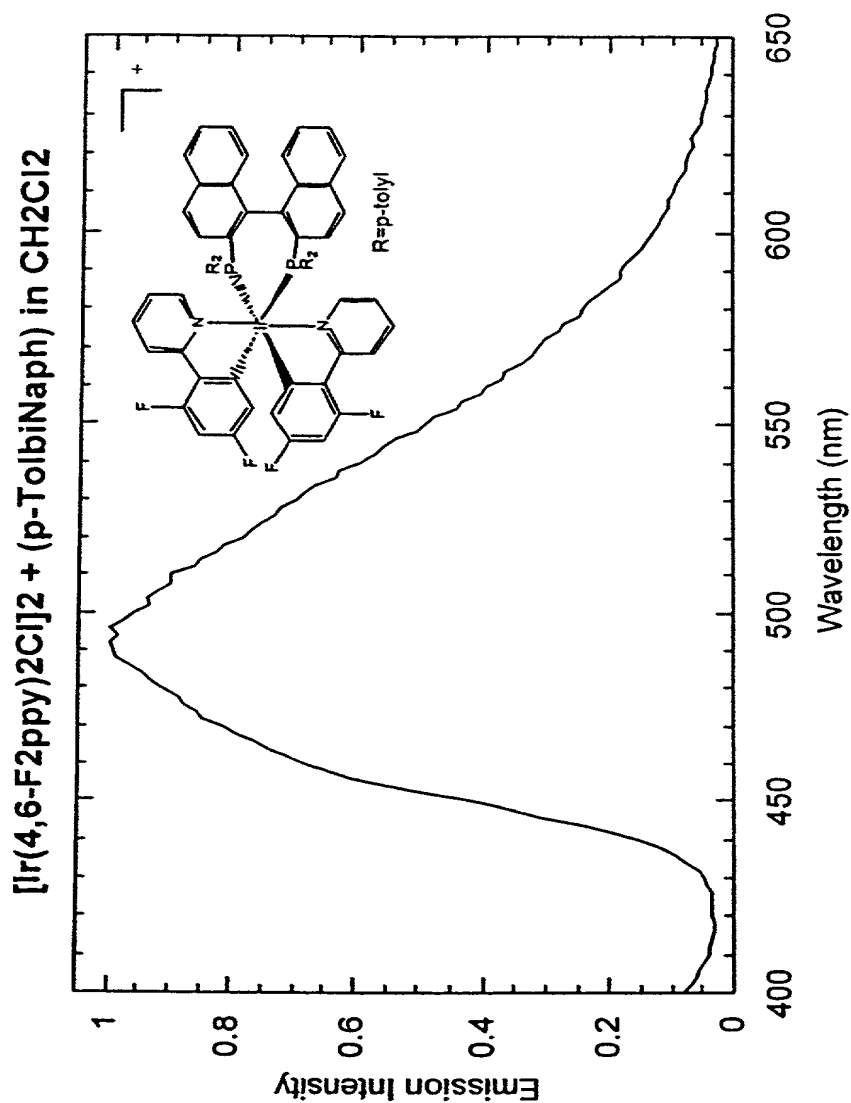


Figure 7i

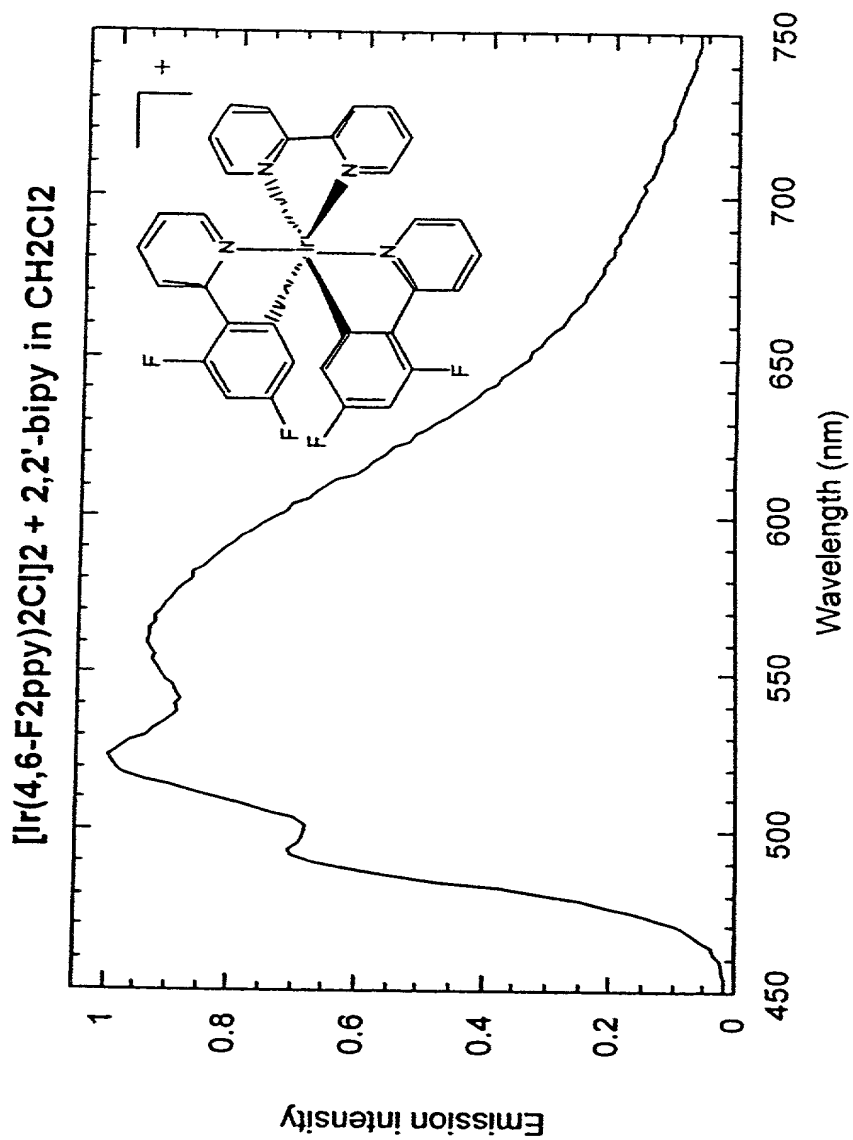


Figure 7j

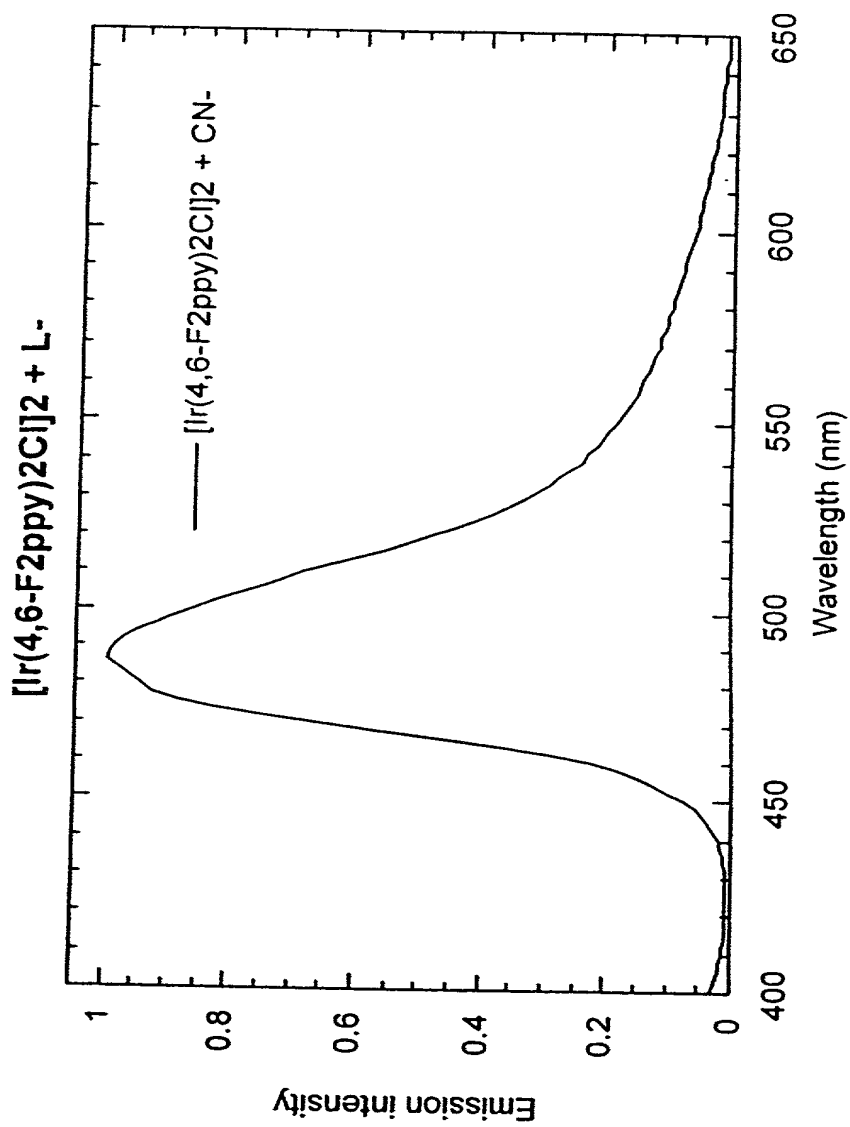


Figure 7k

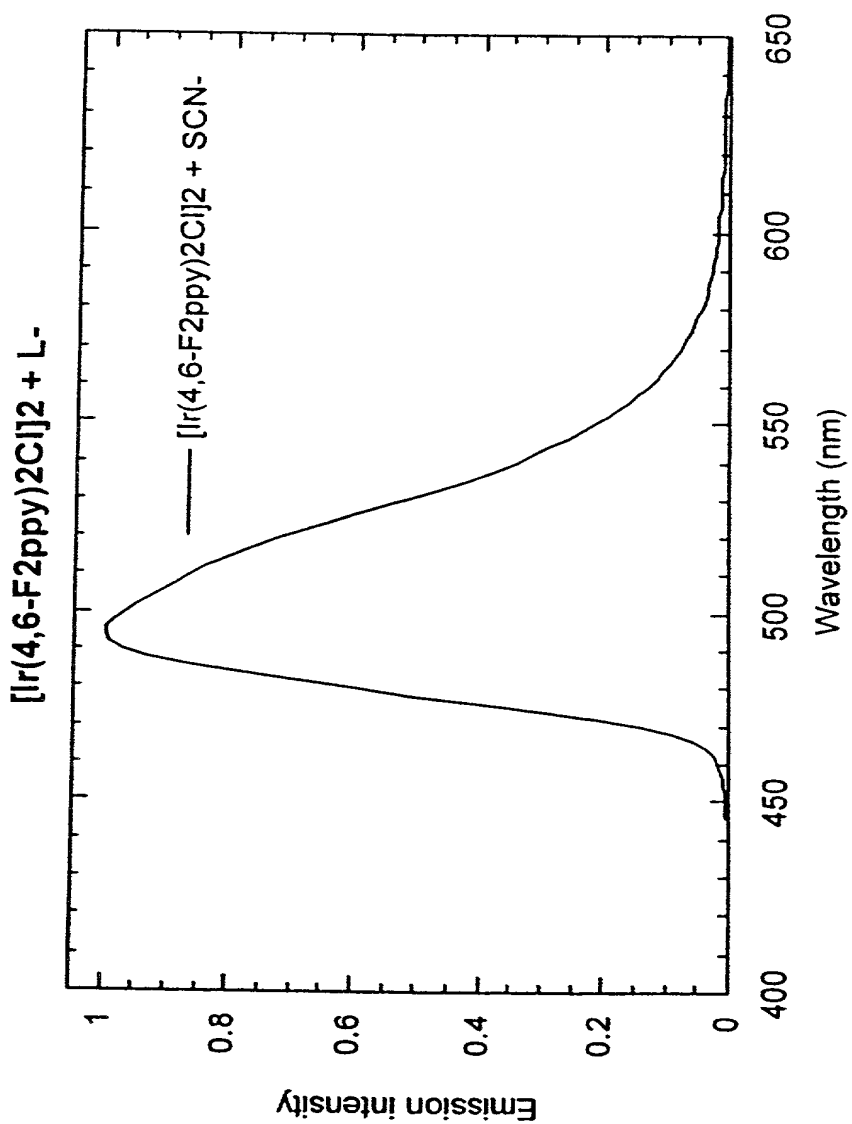


Figure 71

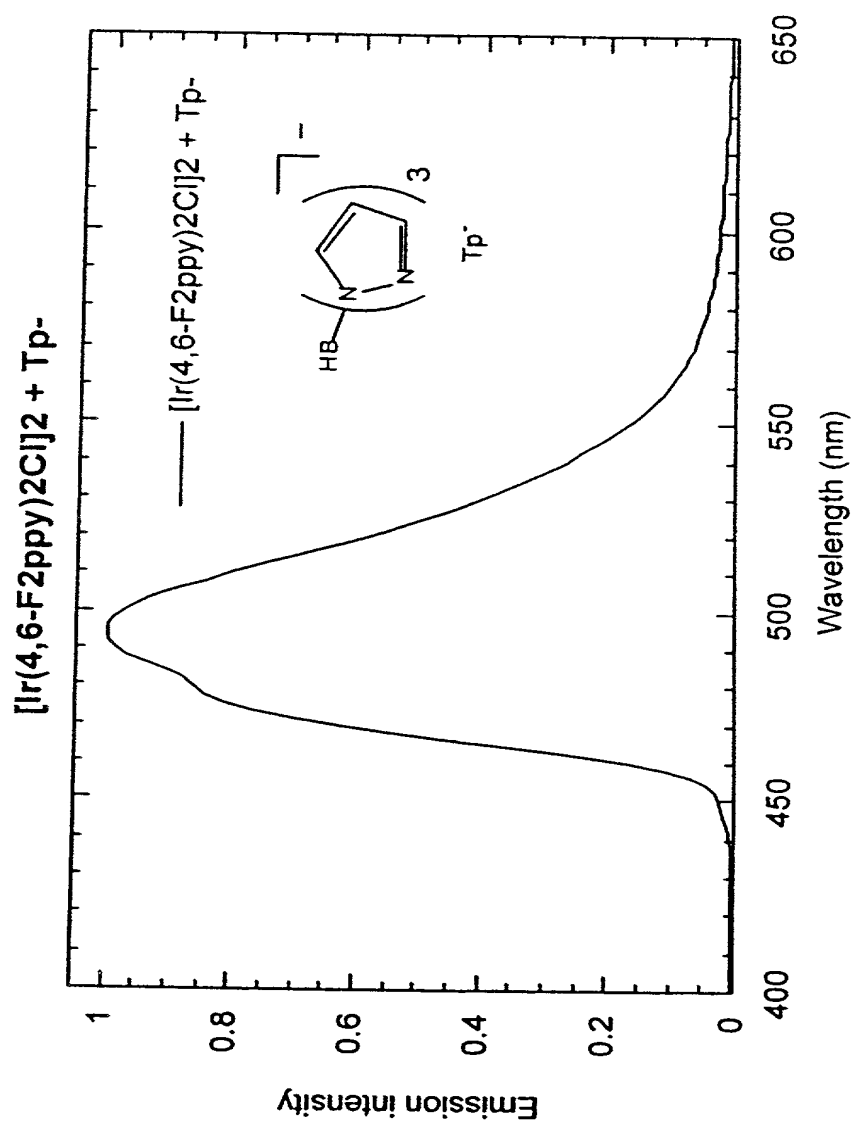




Figure 7m

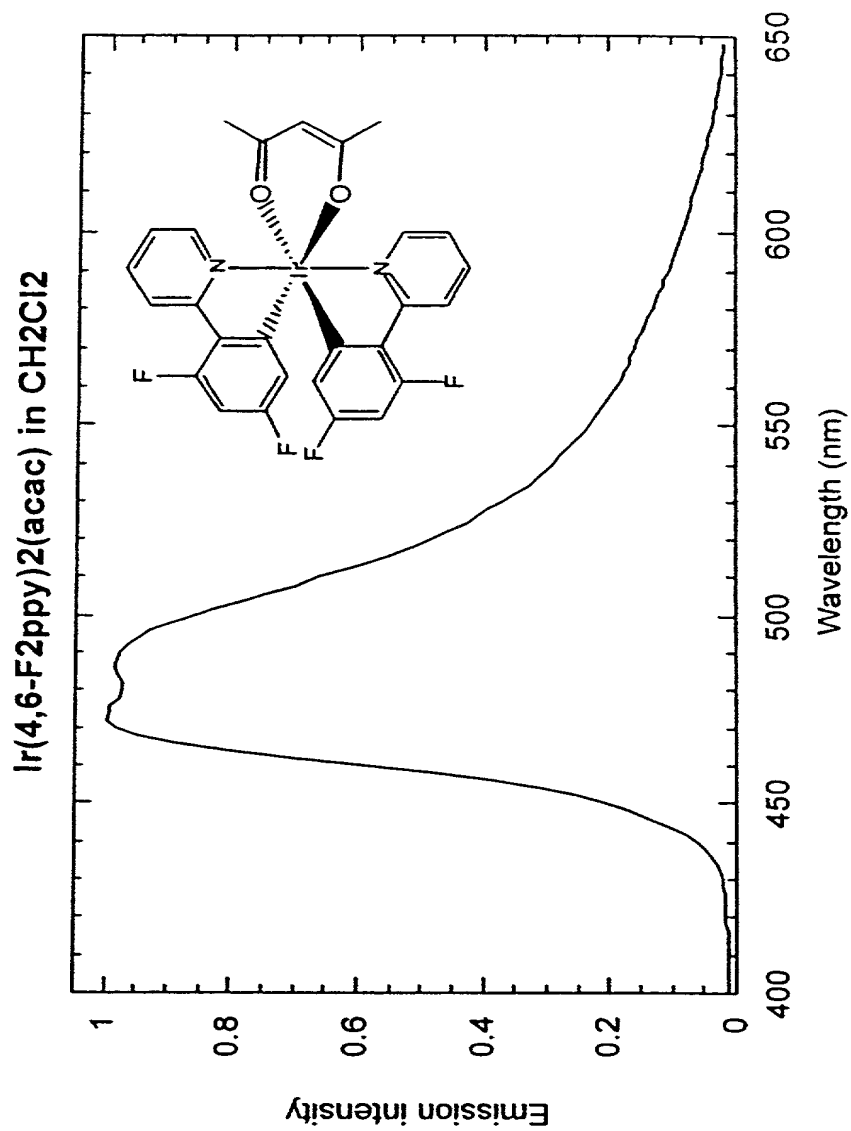


Figure 7n

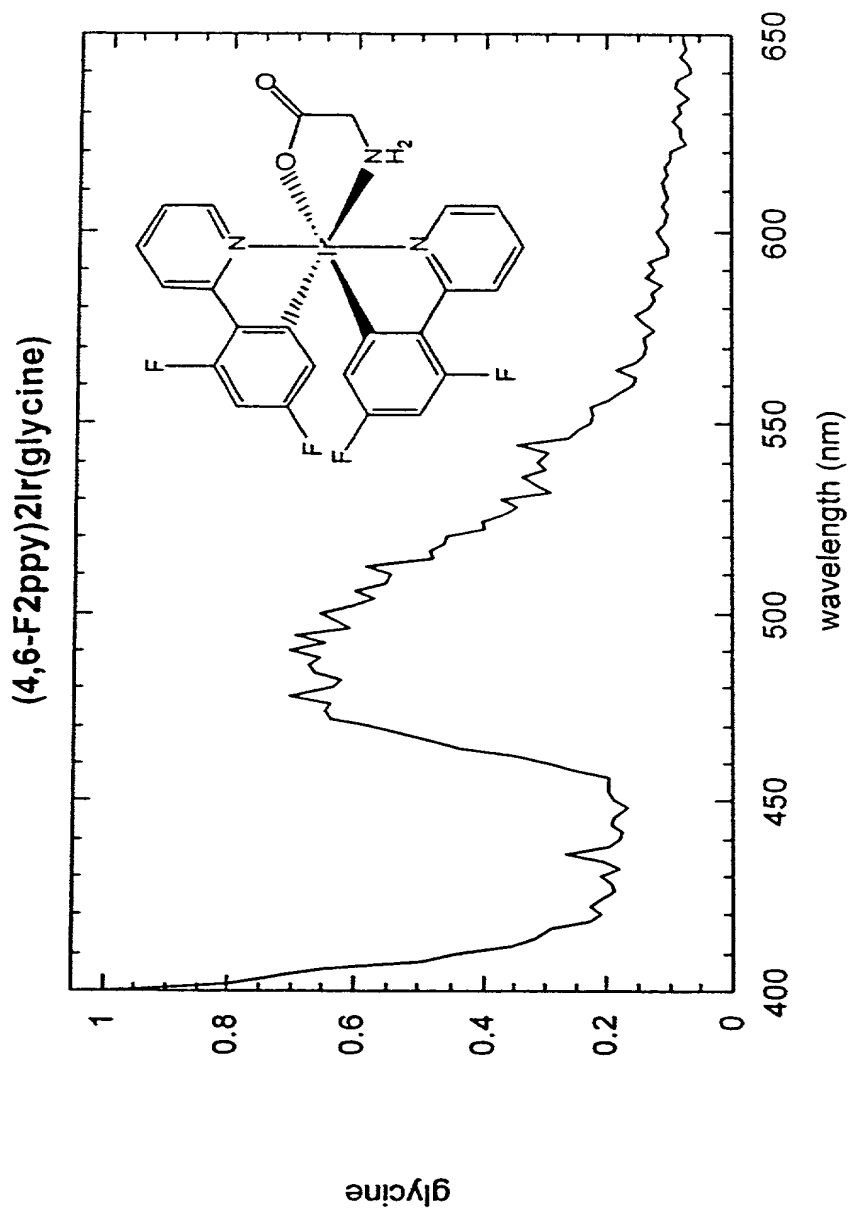


Figure 7o

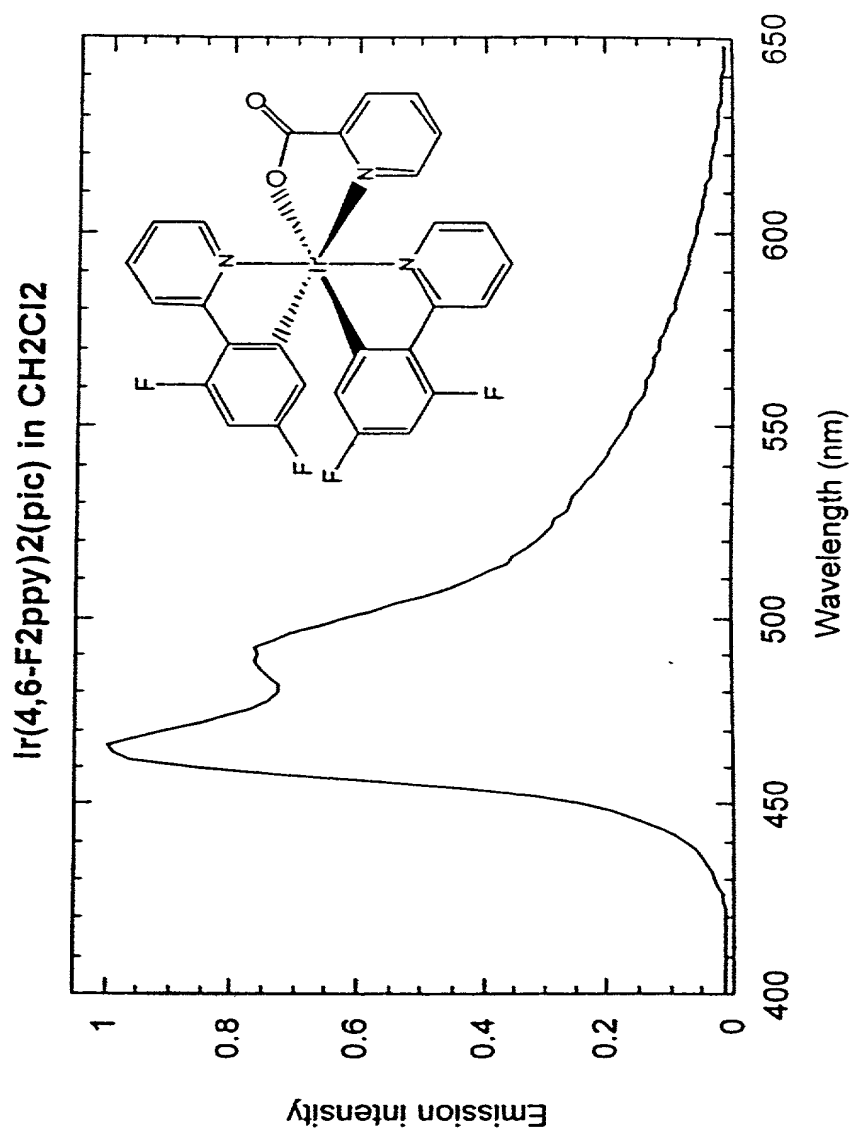


Figure 7p

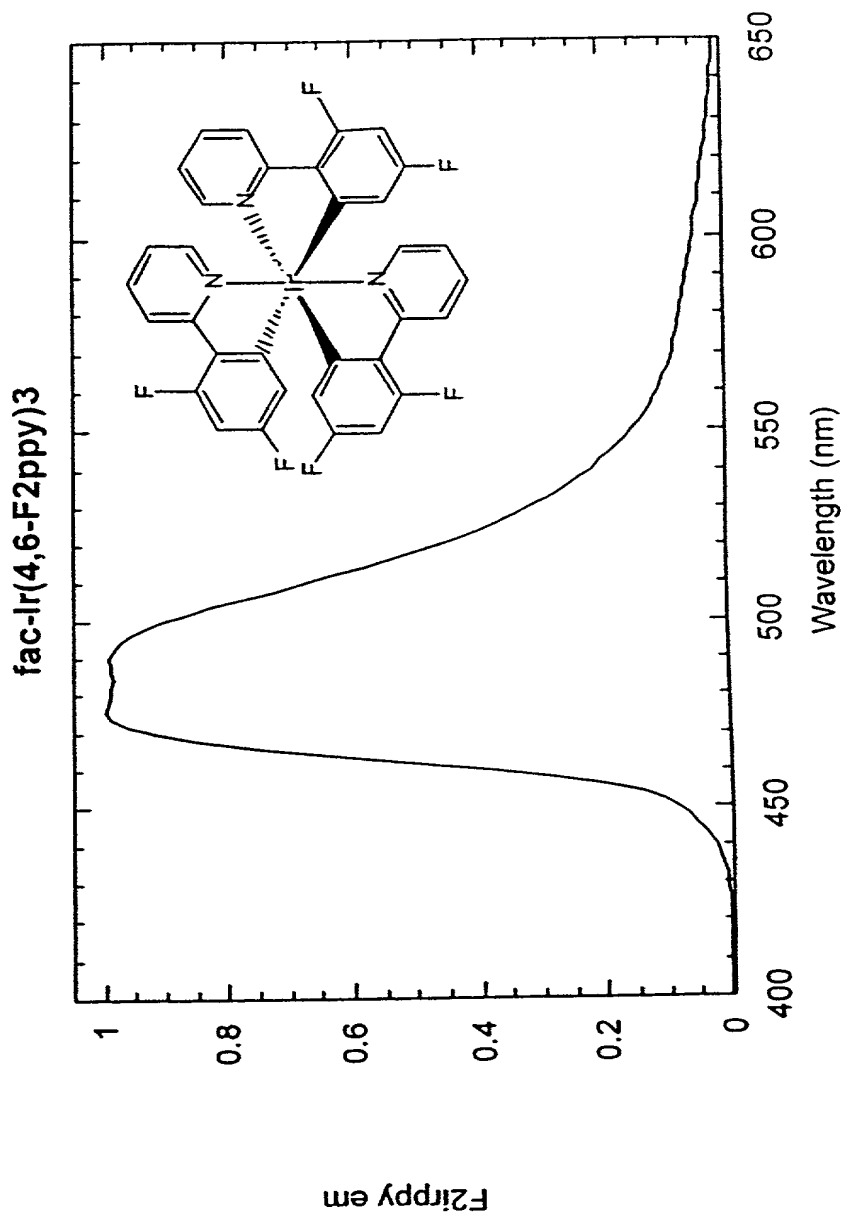


Figure 79

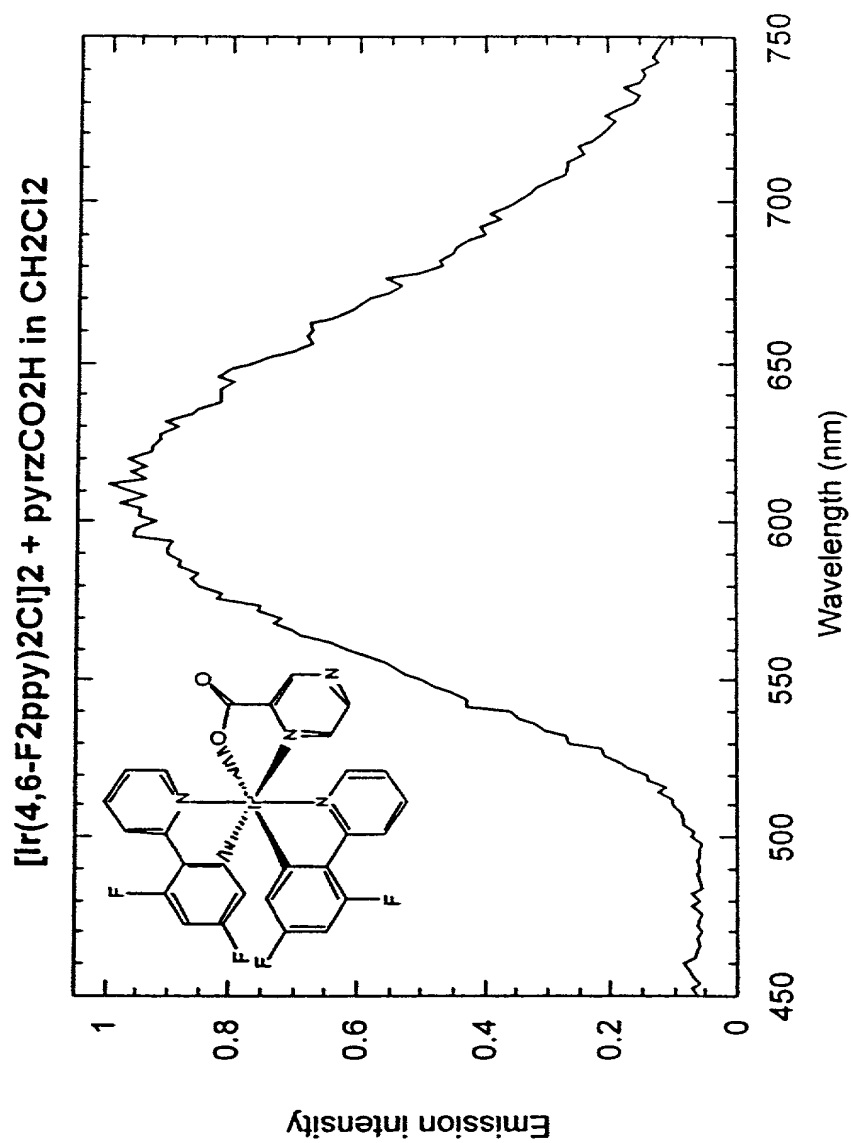


Figure 7r

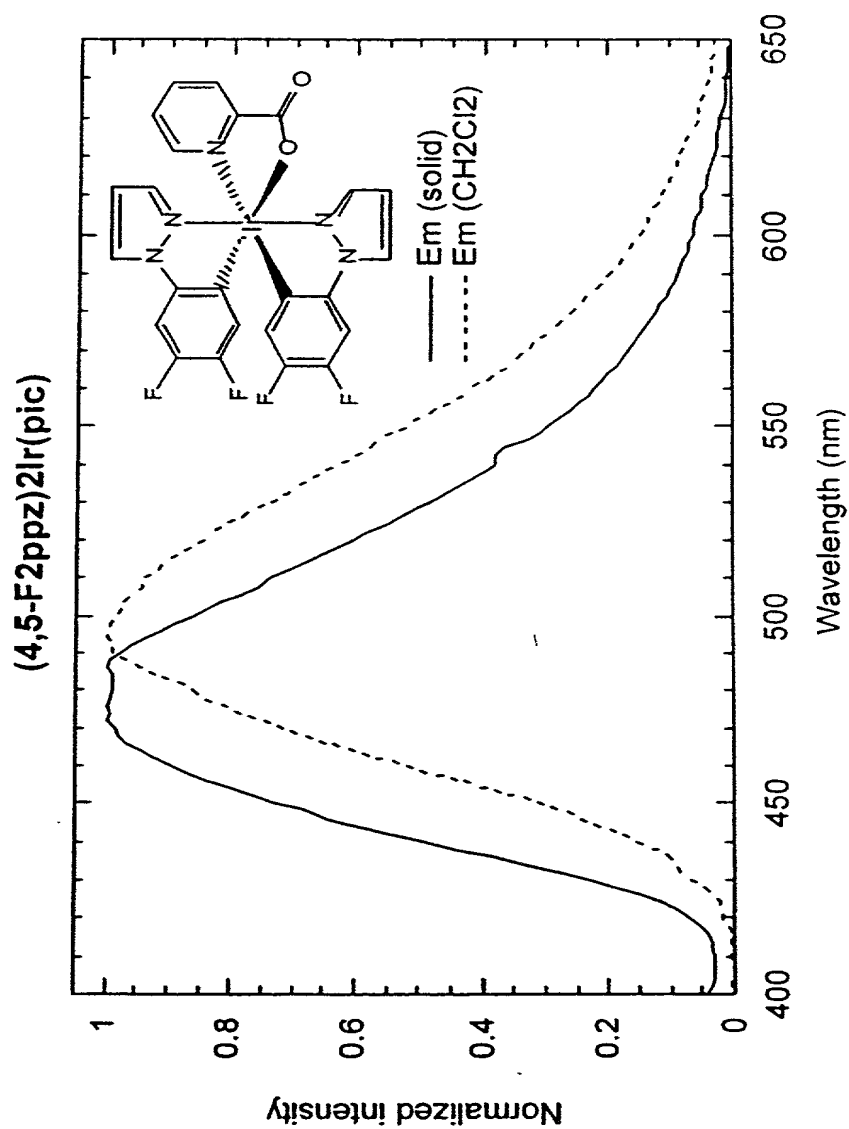
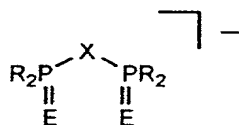
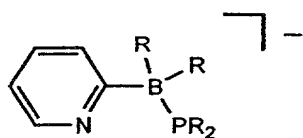
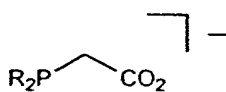
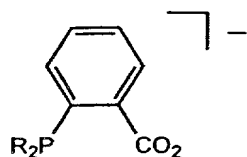
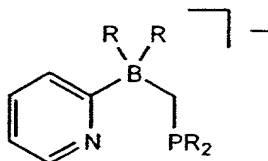
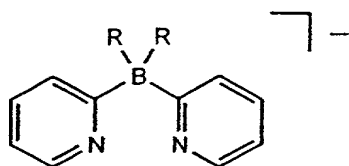
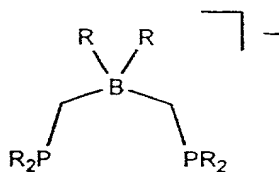
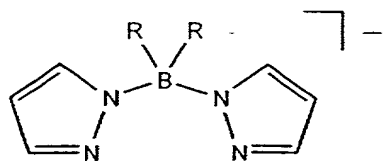


Figure 8a



X=CH, N  
E=O, S, Se, Te

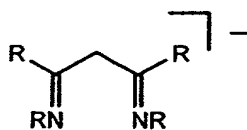


Figure 8e

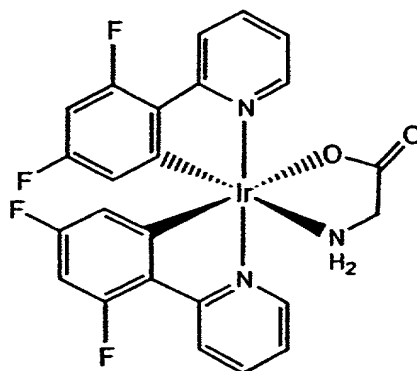
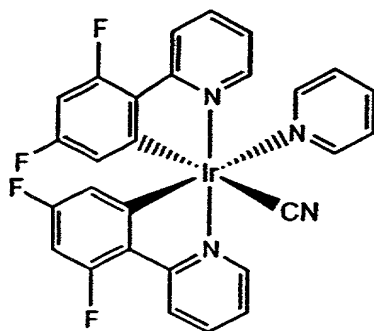
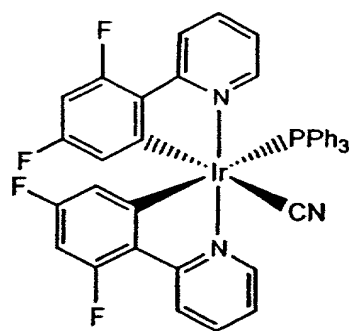
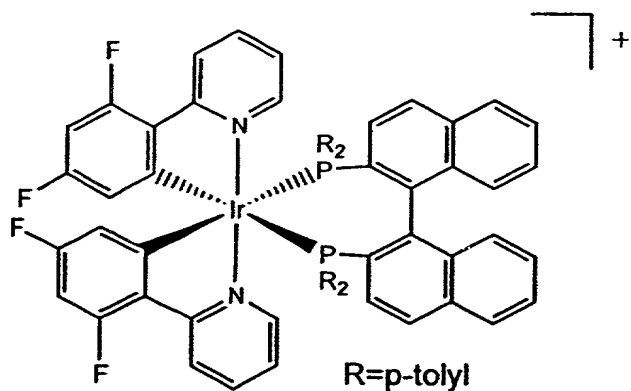
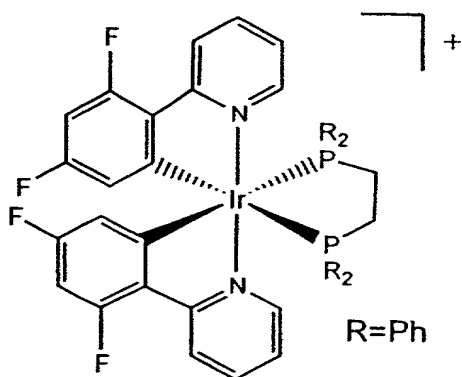
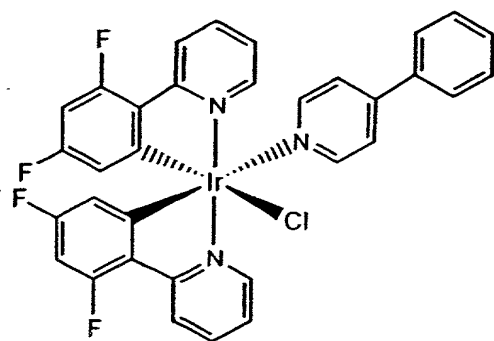
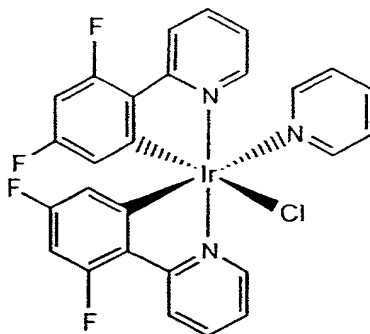
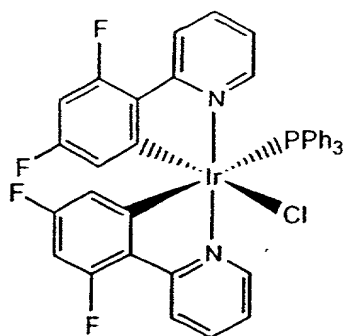
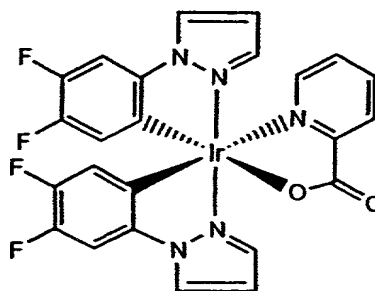
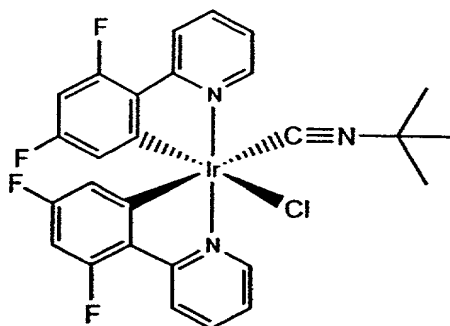
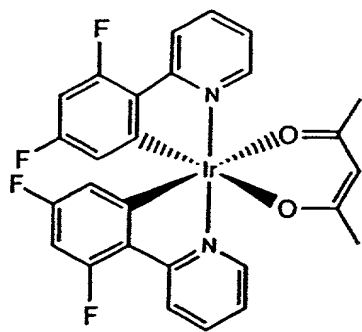
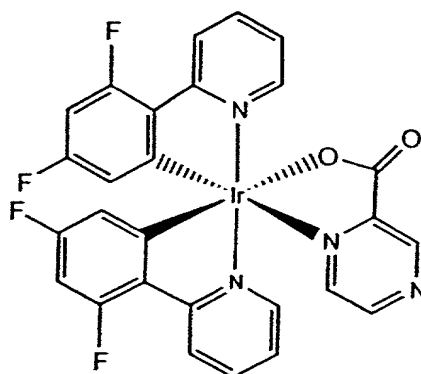
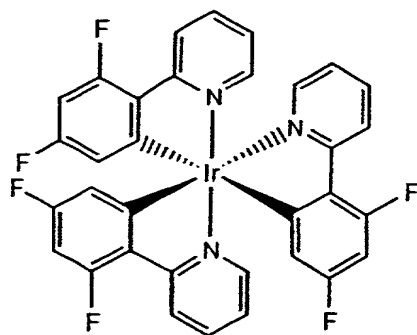
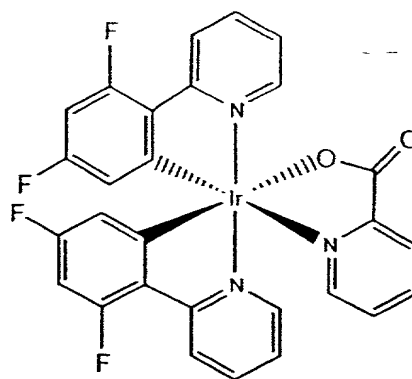
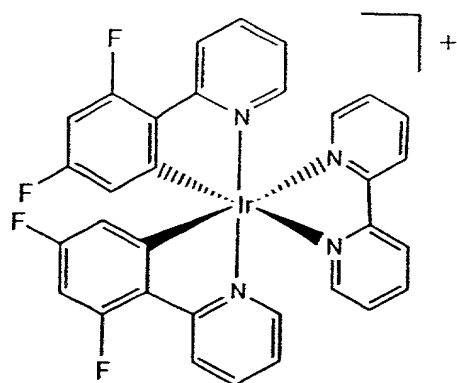


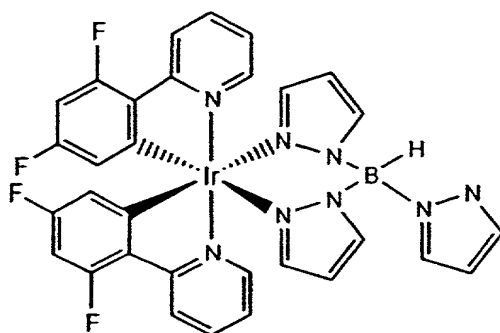
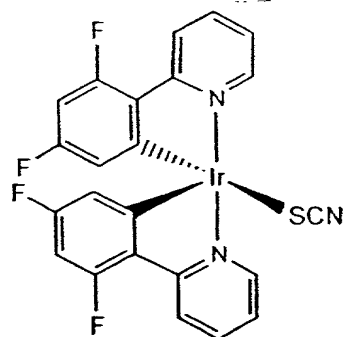
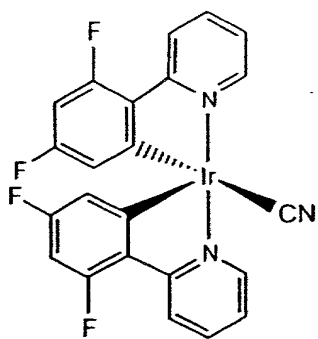


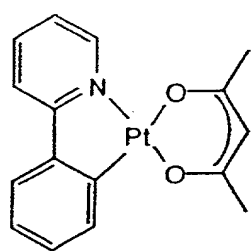
Figure 8c



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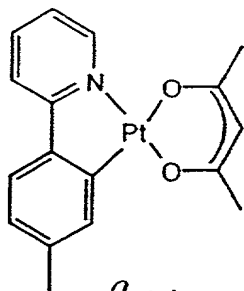
Figure 8d





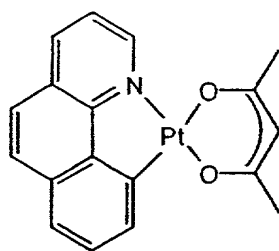
9(a)

(ppy)Pt(acac)



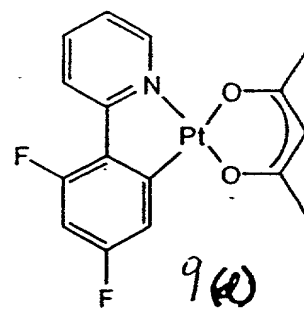
9(b)

(tpy)Pt(acac)



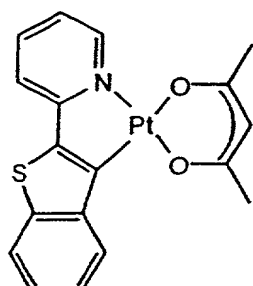
9(c)

(bzq)Pt(acac)



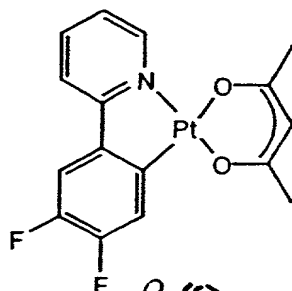
9(d)

(4,6-F<sub>2</sub>ppy)Pt(acac)



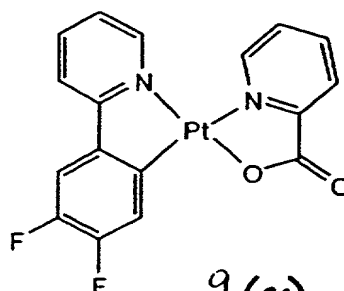
9(e)

(btp)Pt(acac)



9(f)

(4,5-F<sub>2</sub>ppy)Pt(acac)



9(g)

(4,5-F<sub>2</sub>ppy)Pt(pico)

Figures 9(a) - 9(g)

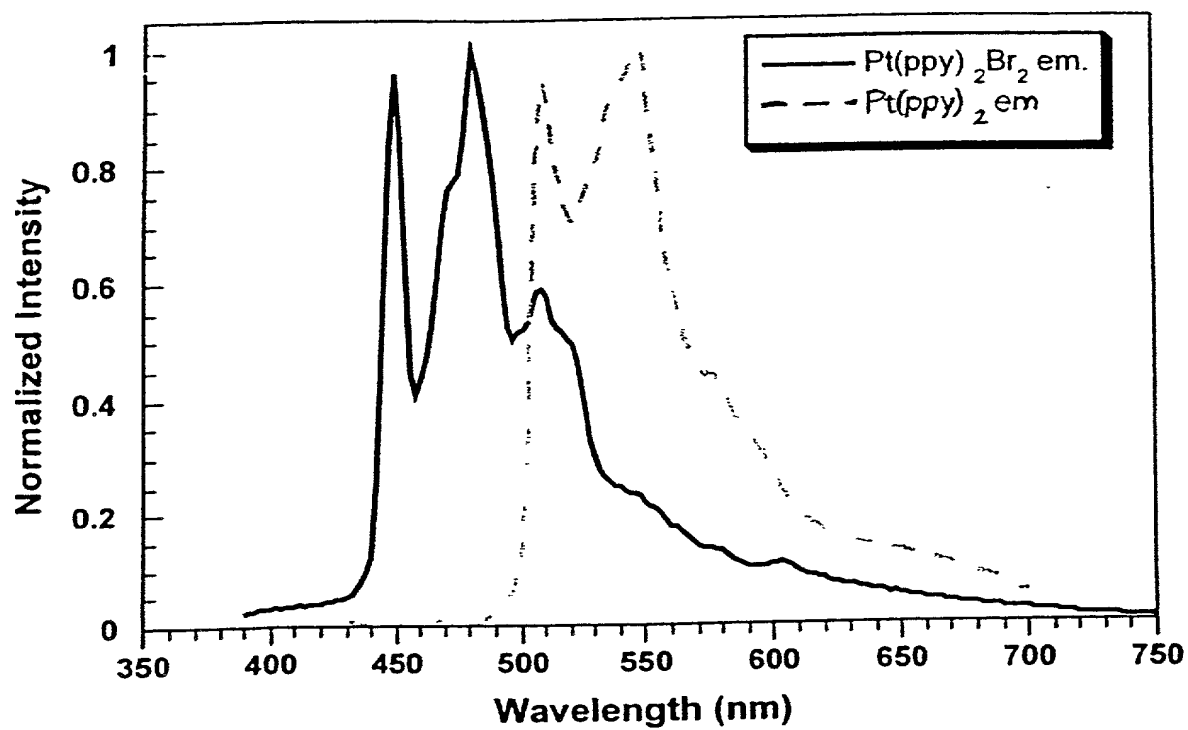


Figure 10

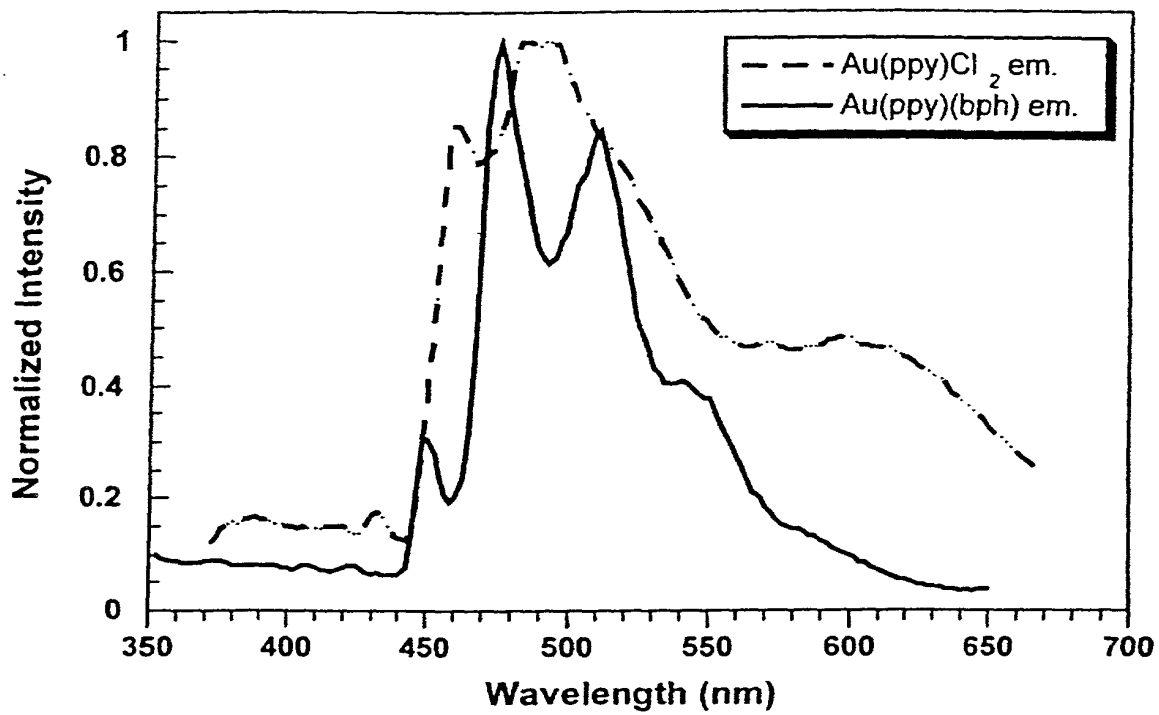


Figure 11

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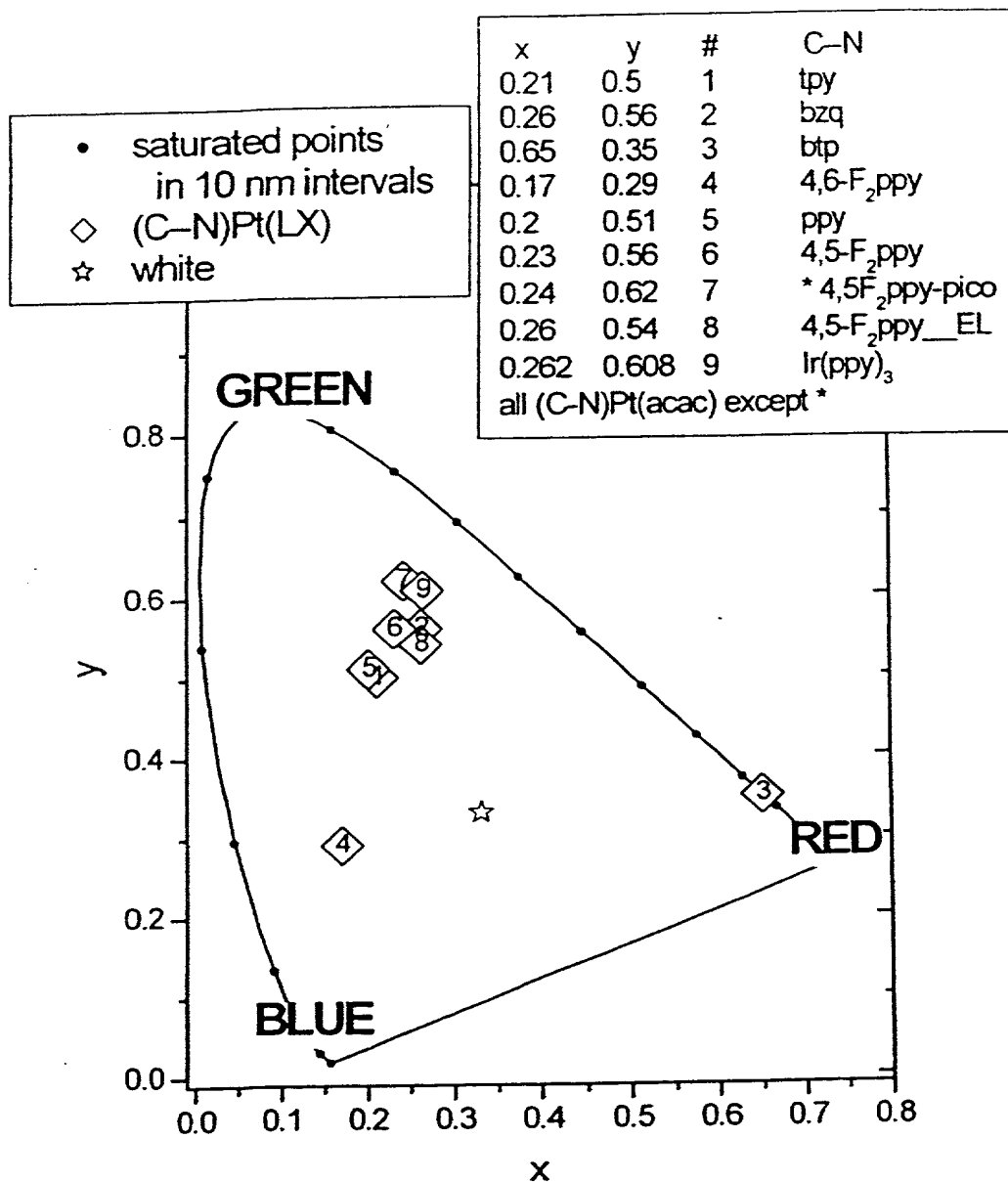


Figure 12

(4,6-F2PPY)Pt(acac)

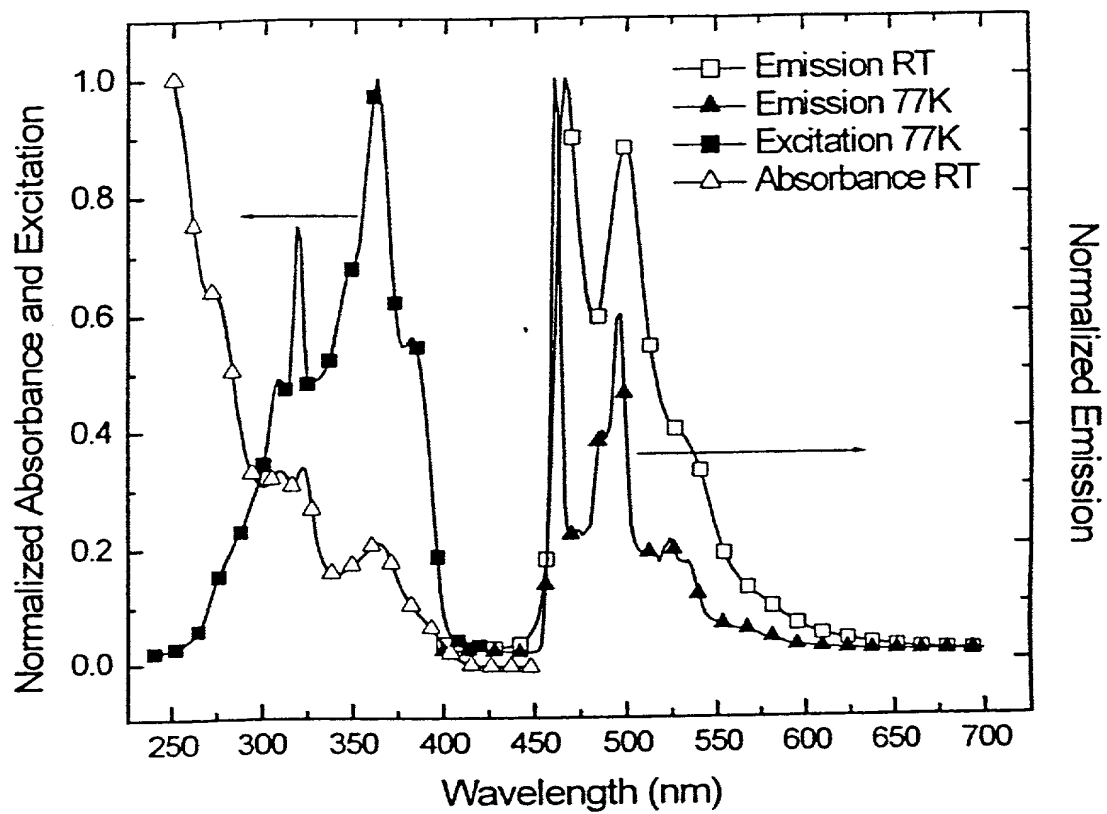


Figure 13

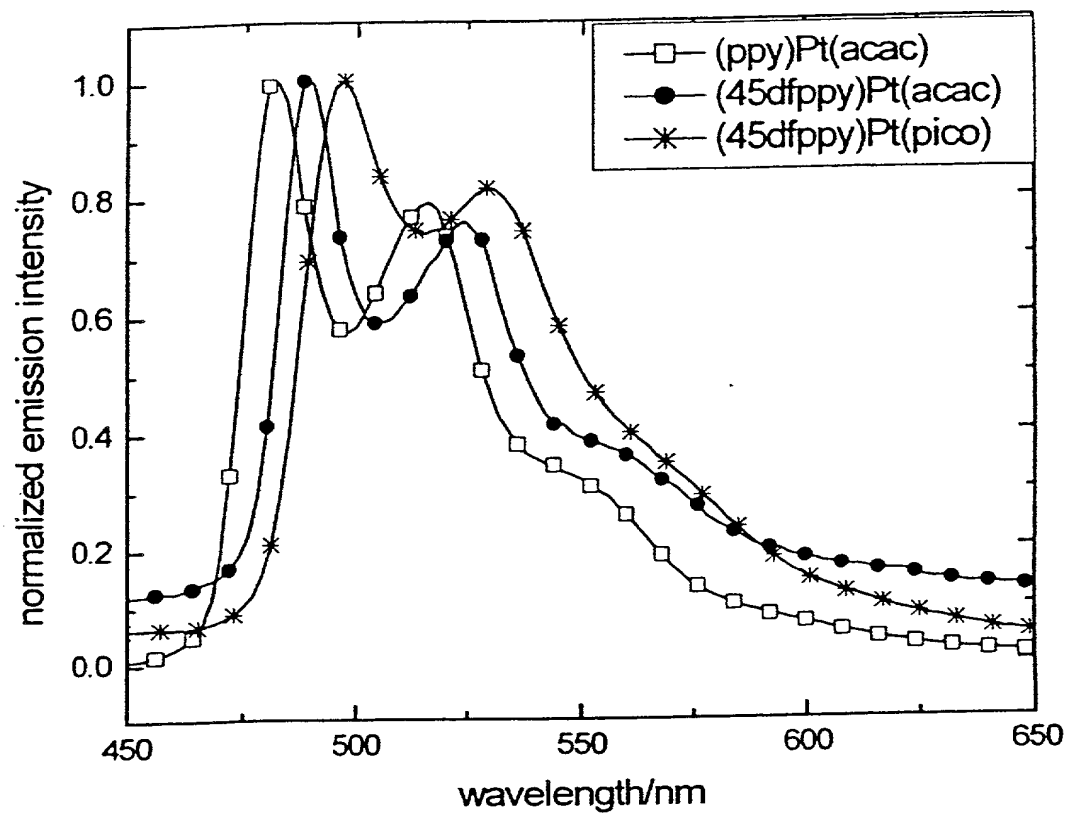


Figure 14



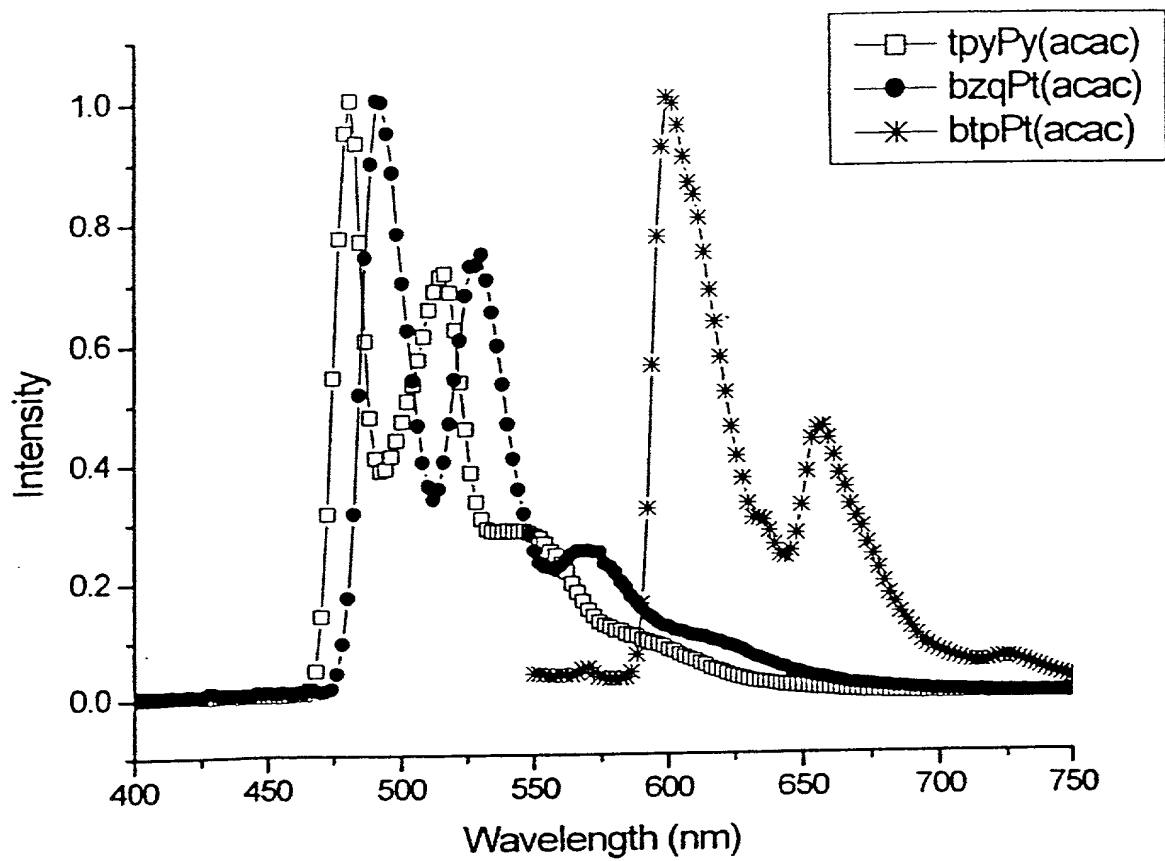


Figure 15

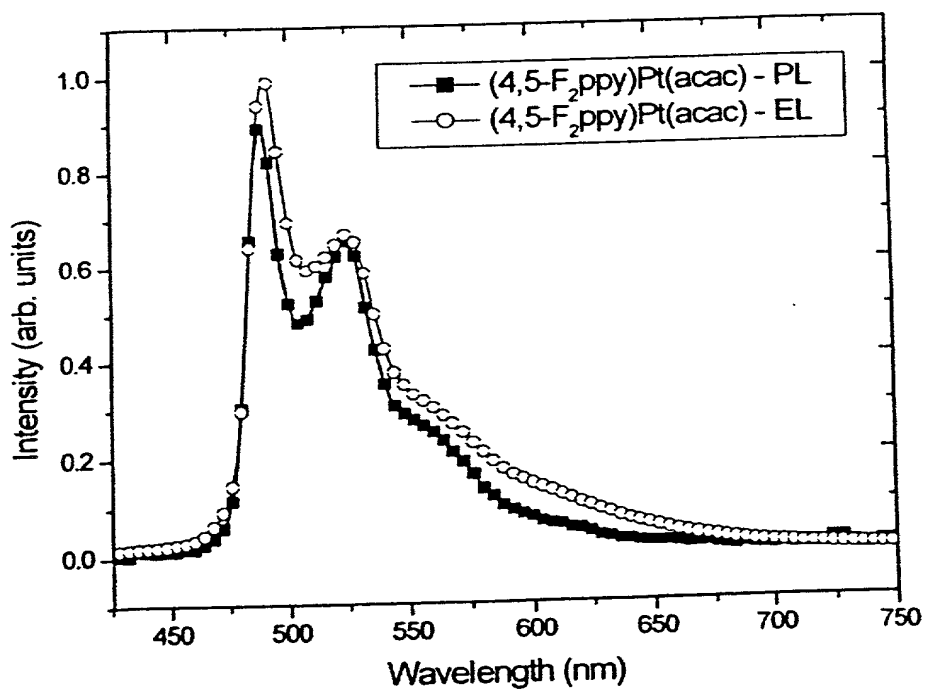


Figure 16

FIG. 17

PRB 62

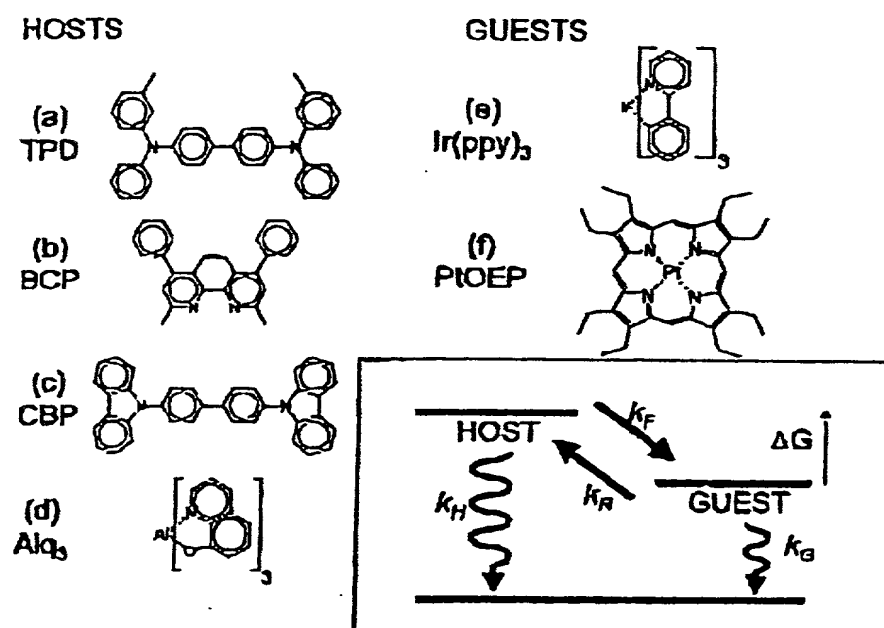


FIG. 18

PRB 62

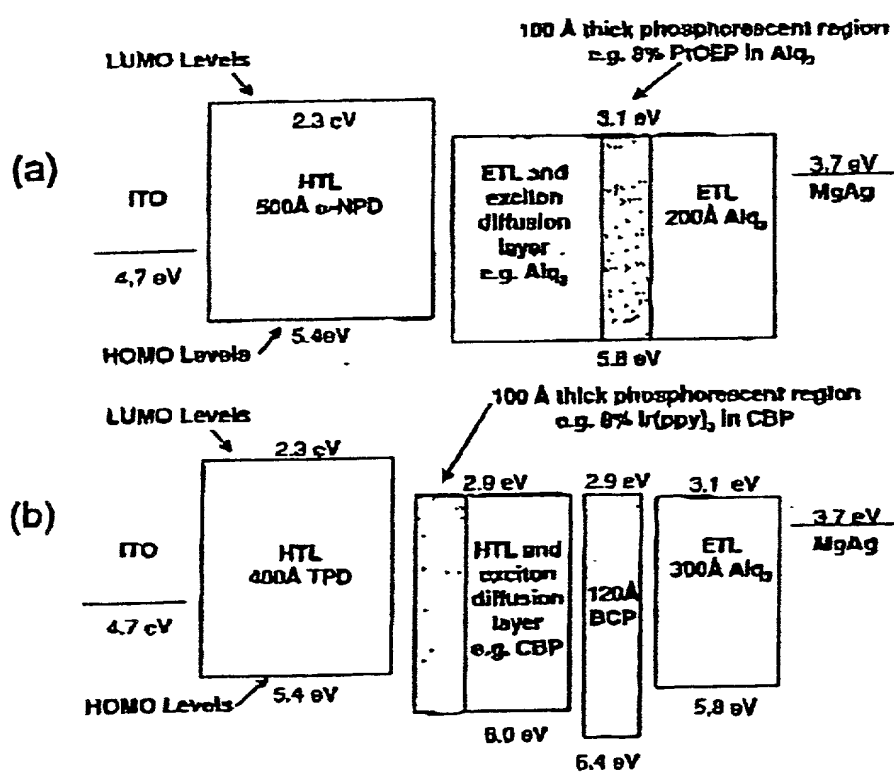


FIG. 19

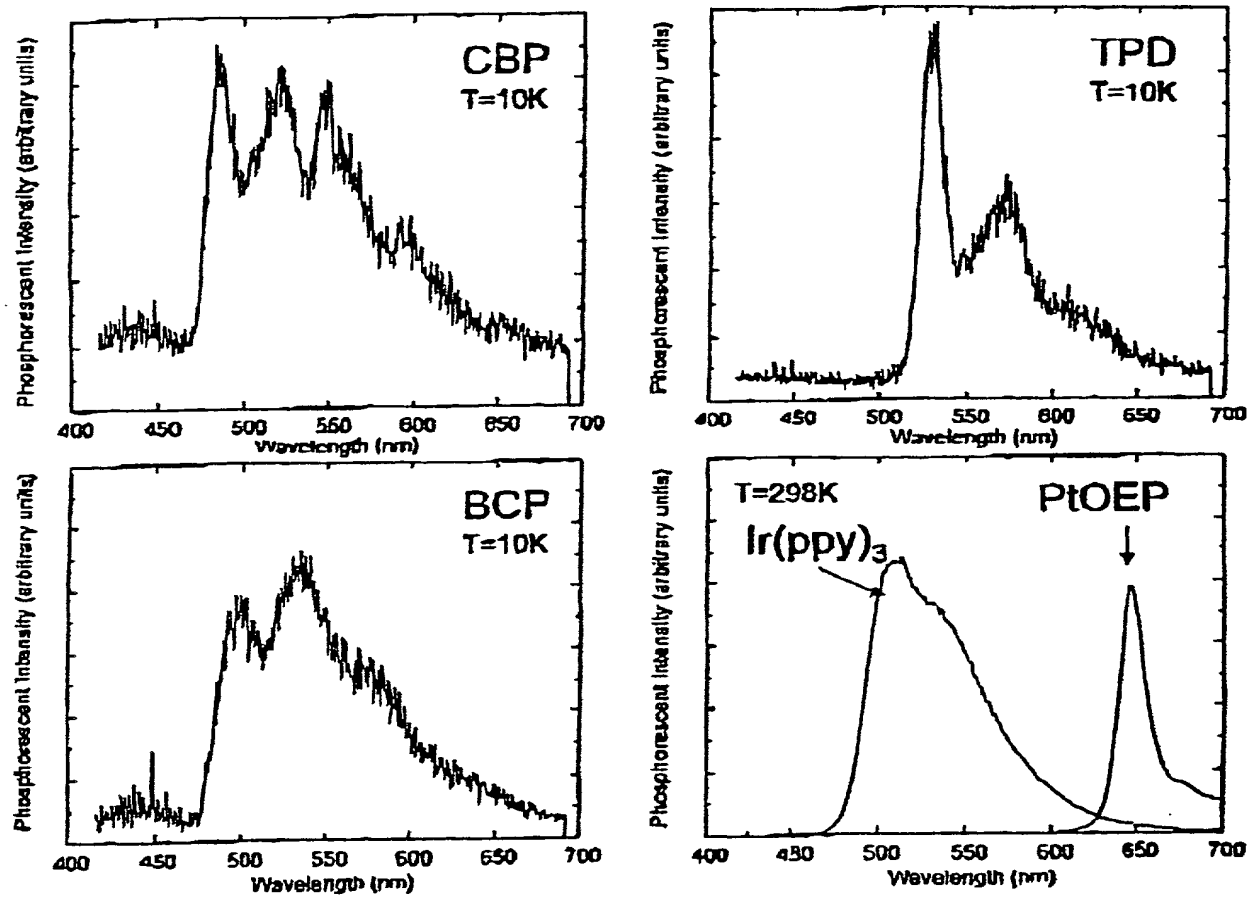


FIG. 20

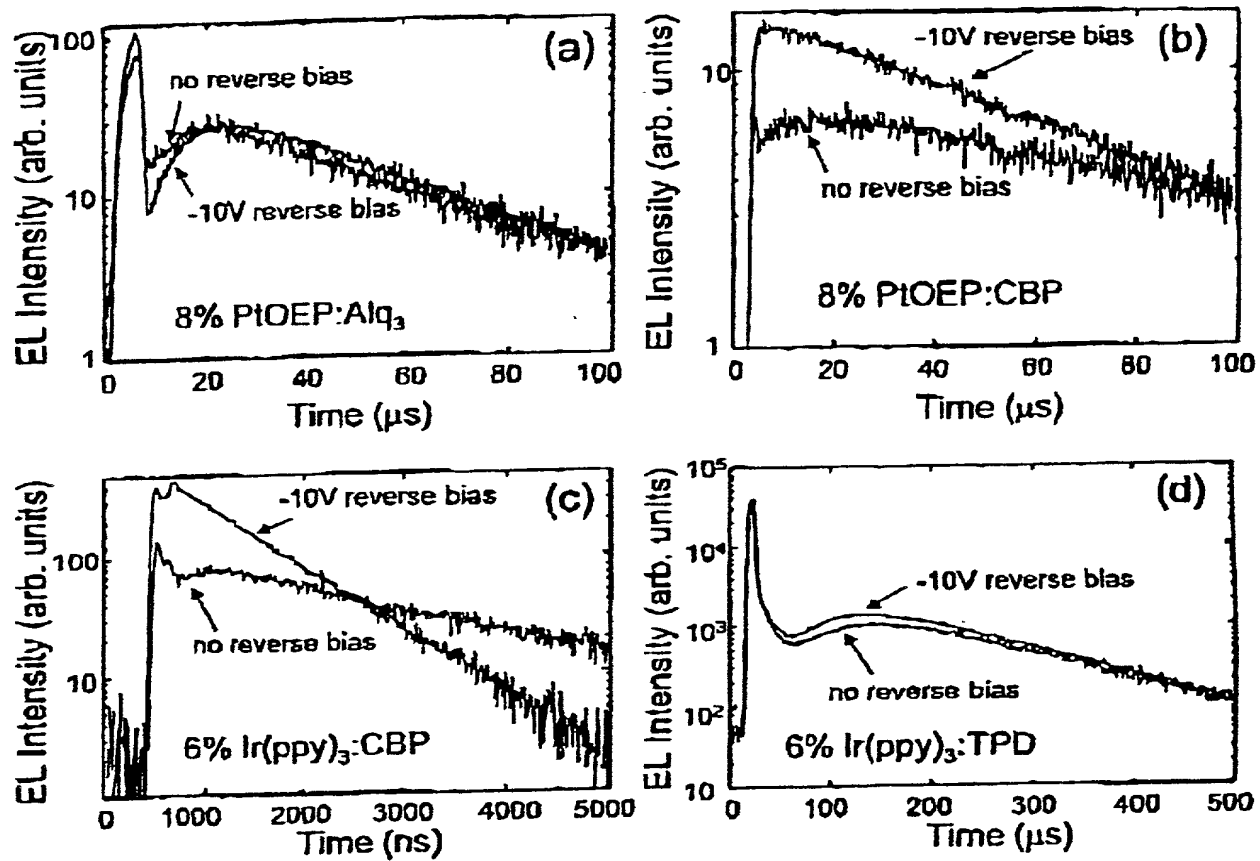


FIG. 21

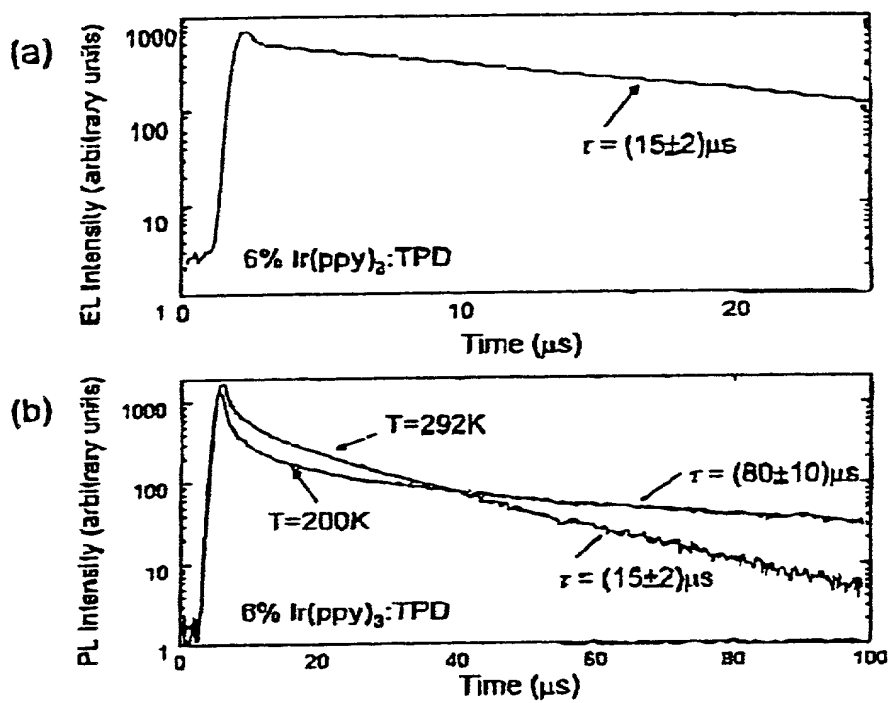


FIG. 22

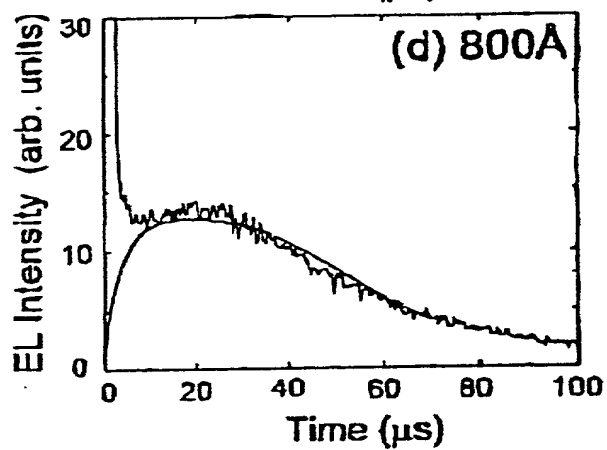
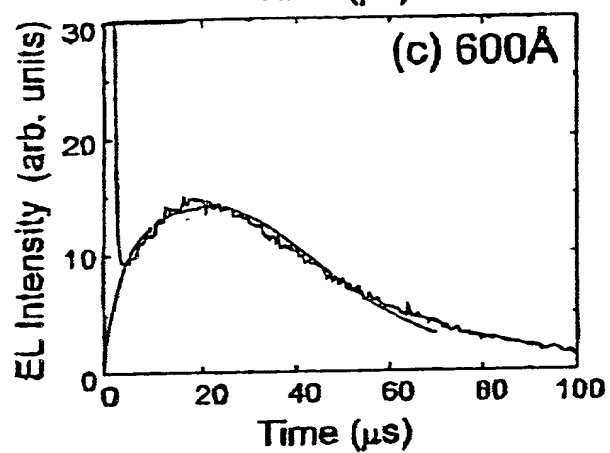
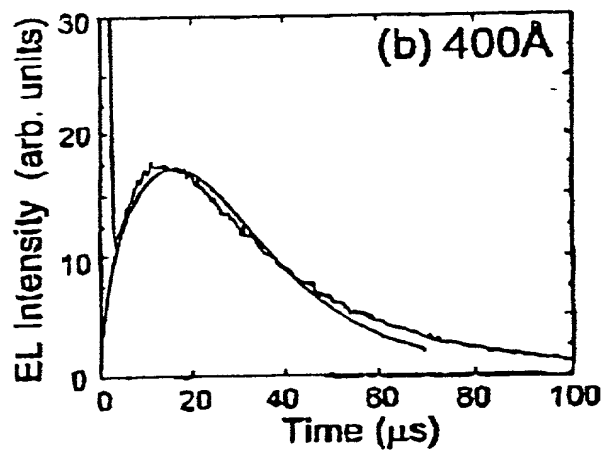
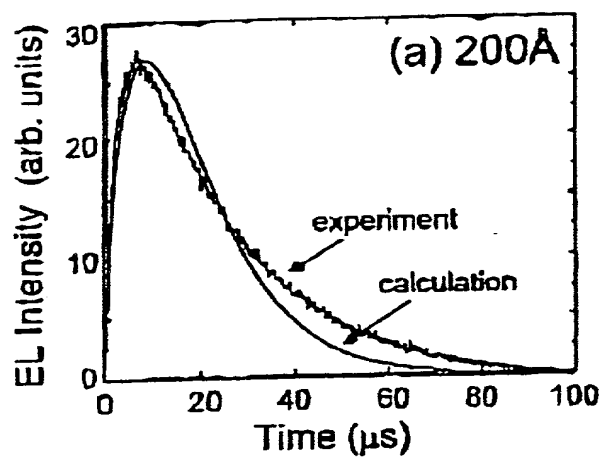




Fig. 23

